

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 1

CARRIAGE

Sr. No.	Description	Unit	Rate (Rs.)
1	Carriage of 100 Cft. (2.83 cu.m) of all materials like Clay, stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road		
a.	Upto 1st Km	Per Km	338.37
b.	2nd Km	Per Km	302.75
c.	3rd Km	Per Km	217.54
d.	4th Km	Per Km	172.17
e.	5th Km	Per Km	143.87
f.	6th Km	Per Km	124.67
g.	7th Km	Per Km	110.66
h.	8th Km	Per Km	100.09
i.	9th Km	Per Km	91.73
j.	10th Km	Per Km	85.04
k.	11th Kms to 200Kms	Per Km	20.20
l.	Subsequent Km	Per Km	19.40
2	Carriage of 5 tons of all material like coal, stone lime(unslaked), etc. B.G. Rail fastenings, points and crossing,Bridge Girders, pipes, sheets, Rail, M.S. bars, etc. etc.by truck or any other means owned by the contractor. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road		
a.	Upto 1st Km	Per Km	358.91
b.	2nd Km	Per Km	315.90
c.	3rd Km	Per Km	228.30
d.	4th Km	Per Km	181.67
e.	5th Km	Per Km	152.57
f.	6th Km	Per Km	132.84
g.	7th Km	Per Km	118.44
h.	8th Km	Per Km	107.57
i.	9th Km	Per Km	98.97
j.	10th Km	Per Km	92.10
k.	11th Kms to 200Kms	Per Km	25.11
l.	Subsequent Km	Per Km	22.10
3	Carriage of 100 maunds of fuel wood by truck or any other means owned by the contractor: or any other means owned by the contractor: 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road		
a.	Upto 1st Km	Per Km	99.02
b.	2nd Km	Per Km	63.74
c.	3rd Km	Per Km	50.87
d.	4th Km	Per Km	44.01
e.	5th Km	Per Km	39.73
f.	6th Km	Per Km	36.83
g.	7th Km	Per Km	34.72
h.	8th Km	Per Km	33.12
i.	9th Km	Per Km	31.86

Sr. No.	Description	Unit	Rate (Rs.)
j.	10th Km	Per Km	30.85
k.	11th to 200 Kms	Per Km	15.80
l.	Subsequent Km	Per Km	14.20
4	Carriage of 1000 Nos. bricks 10"x5"x3" (250x125x75 mm) or 1000 Nos. tiles 12"x6"x2" (300x150x50 mm) by truck or any other means owned by the contractor :- 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road		
a.	Upto 1st Km	Per Km	675.94
b.	2nd Km	Per Km	401.16
c.	3rd Km	Per Km	307.73
d.	4th Km	Per Km	242.99
e.	5th Km	Per Km	211.95
f.	6th Km	Per Km	180.16
g.	7th Km	Per Km	170.54
h.	8th Km	Per Km	148.95
i.	9th Km	Per Km	132.00
j.	10th Km	Per Km	115.20
k.	11th & subsequent Kms	Per Km	102.50
5	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime(unslaked), surkhi, etc. or 150 cft. (4.25 cu.m) of timber, by means of material trolley 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road		
a.	Upto 1st Km	Per Km	709.61
b.	2nd Km	Per Km	343.34
c.	3rd Km	Per Km	258.13
d.	4th Km	Per Km	207.76
e.	5th Km	Per Km	179.46
f.	6th Km	Per Km	160.26
g.	7th Km	Per Km	141.25
h.	8th Km	Per Km	130.68
i.	9th Km	Per Km	124.50
j.	10th Km	Per Km	115.30
k.	11th Kms to 200Kms	Per Km	44.20
l.	Subsequent Km	Per Km	31.50
6	Carriage of 5 tons of all material like coal, stone lime (unslaked), etc. B.G. Rail fastening, points and crossing, Bridge girders, pipes, sheets, Rail, M.S. bars, etc. etc. by means of material trolley. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road		
a.	Upto 1st Km	Per Km	729.40
b.	2nd Km	Per Km	427.62
c.	3rd Km	Per Km	330.03
d.	4th Km	Per Km	283.39
e.	5th Km	Per Km	254.29
f.	6th Km	Per Km	224.56

Sr. No.	Description	Unit	Rate (Rs.)
g.	7th Km	Per Km	210.16
h.	8th Km	Per Km	199.29
i.	9th Km	Per Km	169.29
j.	10th Km	Per Km	148.82
k.	11th Kms to 200Kms	Per Km	42.28
l.	Subsequent Km	Per Km	40.47
7	Carriage of 100 maunds of fuel wood, by means of material trolley. 25 % Extra to be paid for hilly area		
a.	Upto 1st Km	Per Km	675.94
b.	2nd Km	Per Km	411.16
c.	3rd Km	Per Km	317.73
d.	4th Km	Per Km	262.99
e.	5th Km	Per Km	231.95
f.	6th Km	Per Km	210.91
g.	7th Km	Per Km	180.54
h.	8th Km	Per Km	168.95
i.	9th Km	Per Km	158.95
j.	10th Km	Per Km	122.45
k.	11th & subsequent Kms	Per Km	35.34
8	Carriage of 1000 Nos. tiles 12"x6"x2" (300x150x50 mm), by means of material trolley. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road		
a.	Upto 1st Km	Per Km	727.58
b.	2nd Km	Per Km	410.04
c.	3rd Km	Per Km	316.61
d.	4th Km	Per Km	266.86
e.	5th Km	Per Km	220.83
f.	6th Km	Per Km	199.78
g.	7th Km	Per Km	184.42
h.	8th Km	Per Km	162.83
i.	9th Km	Per Km	152.83
j.	10th Km	Per Km	141.33
k.	11th & subsequent Kms	Per Km	40.59
9	Carriage of 1000 No. bricks, 9"x4½"x3"(225x113x75 mm) or 8"x4"x4" (200x100x100mm) (nominal) 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road		
a.	Upto 1st Km	Per Km	705.94
b.	2nd Km	Per Km	411.16
c.	3rd Km	Per Km	317.73
d.	4th Km	Per Km	257.99
e.	5th Km	Per Km	226.95
f.	6th Km	Per Km	195.91
g.	7th Km	Per Km	180.54
h.	8th Km	Per Km	158.95

Sr. No.	Description	Unit	Rate (Rs.)
i.	9th Km	Per Km	138.95
j.	10th Km	Per Km	127.45
k.	11th & subsequent Kms	Per Km	35.34
10	Carriage of 1000 No. tiles 9"x4½"x1½" (225x113x38 mm). 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road		
a.	Upto 1st Km	Per Km	367.97
b.	2nd Km	Per Km	235.58
c.	3rd Km	Per Km	188.87
d.	4th Km	Per Km	118.99
e.	5th Km	Per Km	103.48
f.	6th Km	Per Km	92.95
g.	7th Km	Per Km	85.27
h.	8th Km	Per Km	84.48
i.	9th Km	Per Km	74.48
j.	10th Km	Per Km	71.23
k.	11th & subsequent Kms	Per Km	17.67
11	Carriage of 100 bags of cement each bag weighing Cwt. (50 Kg) by 10 Wheeler trailer. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road.		
a.	Upto 1st Km	Per Km	453.61
b.	2nd Km	Per Km	437.89
c.	3rd Km	Per Km	328.98
d.	4th Km	Per Km	262.19
e.	5th Km	Per Km	220.01
f.	6th Km	Per Km	191.01
g.	7th Km	Per Km	169.61
h.	8th Km	Per Km	153.25
i.	9th Km	Per Km	140.19
j.	10th Km	Per Km	129.63
k.	11th & subsequent Kms	Per Km	30.18
12	Carriage of 100 Nos. empty cement bags including bundling. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road.		
a.	Upto 1st Km	Per Km	79.67
b.	2nd Km	Per Km	52.85
c.	3rd Km	Per Km	39.42
d.	4th Km & subsequent Kms	Per Km	24.93
13	Carriage of 100 (2.83 cu.m) cft. of Sarkanda or pilchi, frash or brushwood, by boat or road :- 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road.		
a.	Upto 1st Km	Per Km	679.61
b.	2nd Km	Per Km	393.34
c.	3rd Km	Per Km	298.13
d.	4th Km	Per Km	252.76

Sr. No.	Description	Unit	Rate (Rs.)
e.	5th Km	Per Km	219.46
f.	6th Km	Per Km	200.26
g.	7th Km	Per Km	181.25
h.	8th Km	Per Km	170.68
i.	9th Km	Per Km	160.68
j.	10th Km	Per Km	115.63
k.	11th Km & subsequent	Per Km	39.63
14	a Carriage of light machinery weighing upto 3 tonne upto 1000 ft. (300 metre) Exceeding 1000 to 5000 ft (300 to 1500 metre) 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road.		
i.	Upto 1st Km	Per Km	547.05
ii.	2nd Km	Per Km	315.71
iii.	3rd Km	Per Km	250.02
iv.	4th Km	Per Km	205.04
v.	5th Km	Per Km	183.22
vi.	6th Km	Per Km	168.42
vii.	7th Km	Per Km	127.62
viii.	8th Km	Per Km	114.47
ix.	9th Km	Per Km	89.47
x.	10th Km	Per Km	77.87
xi.	11th Km & subsequent	Per Km	28.83
14	b Carriage of Heavy machinery weighing more than 3 tonne using trailer including loading and unloading cost. 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road.		
i.	Upto 1st Km	Per Km	1,434.97
ii.	2nd Km	Per Km	1,405.99
iii.	3rd Km	Per Km	1,017.54
iv.	4th Km	Per Km	786.94
v.	5th Km	Per Km	646.12
vi.	6th Km	Per Km	550.56
vii.	7th Km	Per Km	480.77
viii.	8th Km	Per Km	423.07
ix.	9th Km	Per Km	381.37
x.	10th Km	Per Km	348.02
xi.	11th Km & subsequent	Per Km	21.56
15	Cooly load for distance:-		
a.	Upto 1000 ft. (300 metre)	Per Km	270.83
b.	Exceeding 1000 to 3000 ft. (300 to 900metre)	Per Km	215.28
c.	Upto 1st Km	Per Km	184.82
d.	2nd Km	Per Km	159.38
e.	3rd Km & subsequent	Per Km	105.90
16	Carriage of small consignments weighing upto 5 maunds (job rates) :		

Sr. No.	Description	Unit	Rate (Rs.)
	Cooly load for distance:-		
a.	Carriage of consignments odd jobs.		
i.	Donkey load for distance upto 500 feet.	Per Km	85.21
ii.	Upto 1000 feet	Per Km	59.61
iii.	Upto ½ Mile/ 0.8 Km	Per Km	40.04
iv.	Upto one Mile/ 1.6 Km	Per Km	31.47
v.	Upto three Miles/ 4.8 Km	Per Km	25.06
vi.	Exceeding 3 Miles	Per Km	10.77
b.	Cart load for a distance :-		
i.	upto 4 Miles/ 6.4 Km	Per Km	22.44
ii.	Exceeding 4 Miles(6.4 Km) to10 Miles(16 Km)	Per Km	21.54
17	Hire charges of:-		
a.	truck (10 Ton Capacity)	Per Day	7,500.00
b.	tractor with trolley	Per Day	3,500.00
c.	tractor without trolley	Per Day	2,500.00
18	Carriage of bitumen, tar or other lubricants, in drums:		
a.	Upto 1st Km	ton	90.43
b.	2nd Km	ton	81.92
c.	3rd Km	ton	58.73
d.	4th Km	ton	46.38
e.	5th Km	ton	38.68
f.	6th Km	ton	33.45
g.	7th Km	ton	29.64
h.	8th Km	ton	26.76
i.	9th Km	ton	24.49
j.	10th Km	ton	22.67
k.	11th Km & subsequent	ton	5.67
19	Carriage of Cement Concrete pipes BSS Class 'B' with comet joint and rubber ring, including loading, unloading and stacking (rate per 100 Rft. (30 25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road.		
a.	3" (75 mm) i/d pipes:-		
i.	Upto 1st Km	Per Km	63.03
ii.	2nd Km	Per Km	56.57
iii.	3rd Km	Per Km	43.68
iv.	4th Km	Per Km	36.81
v.	5th Km	Per Km	32.53
vi.	6th Km	Per Km	29.63
vii.	7th Km	Per Km	27.51
viii.	8th Km	Per Km	25.91
ix.	9th Km	Per Km	24.64
x.	10th Km	Per Km	21.63
xi.	11th Km & subsequent	Per Km	4.54

Sr. No.	Description	Unit	Rate (Rs.)
b.	4" (100 mm) i/d pipes:-		
i.	Upto 1st Km	Per Km	75.75
ii.	2nd Km	Per Km	67.75
iii.	3rd Km	Per Km	51.76
iv.	4th Km	Per Km	43.25
v.	5th Km	Per Km	37.94
vi.	6th Km	Per Km	34.34
vii.	7th Km	Per Km	31.71
viii.	8th Km	Per Km	27.73
ix.	9th Km	Per Km	26.16
x.	10th Km	Per Km	23.90
xi.	11th Km & subsequent	Per Km	4.23
c.	6" (150 mm) i/d pipes:-		
i.	Upto 1st Km	Per Km	101.96
ii.	2nd Km	Per Km	86.38
iii.	3rd Km	Per Km	65.23
iv.	4th Km	Per Km	53.97
v.	5th Km	Per Km	46.95
vi.	6th Km	Per Km	42.19
vii.	7th Km	Per Km	37.71
viii.	8th Km	Per Km	35.09
ix.	9th Km	Per Km	32.01
x.	10th Km	Per Km	30.35
xi.	11th Km & subsequent	Per Km	5.90
d.	9" (225 mm) i/d pipes:-		
i.	Upto 1st Km	Per Km	142.11
ii.	2nd Km	Per Km	124.81
iii.	3rd Km	Per Km	90.26
iv.	4th Km	Per Km	71.86
v.	5th Km	Per Km	60.38
vi.	6th Km	Per Km	52.60
vii.	7th Km	Per Km	46.92
viii.	8th Km	Per Km	42.63
ix.	9th Km	Per Km	39.24
x.	10th Km	Per Km	36.53
xi.	11th Km & subsequent	Per Km	12.00
e.	12" (300 mm) i/d pipes:-		
i.	Upto 1st Km	Per Km	220.59
ii.	2nd Km	Per Km	193.73
iii.	3rd Km	Per Km	140.10
iv.	4th Km	Per Km	111.54
v.	5th Km	Per Km	93.73

Sr. No.	Description	Unit	Rate (Rs.)
vi.	6th Km	Per Km	81.65
vii.	7th Km	Per Km	72.83
viii.	8th Km	Per Km	66.17
ix.	9th Km	Per Km	60.91
x.	10th Km	Per Km	56.70
xi.	11th Km & subsequent	Per Km	15.80
f.	16" (400 mm) i/d pipes:-		
i.	Upto 1st Km	Per Km	299.07
ii.	2nd Km	Per Km	262.66
iii.	3rd Km	Per Km	189.94
iv.	4th Km	Per Km	151.23
v.	5th Km	Per Km	127.07
vi.	6th Km	Per Km	110.70
vii.	7th Km	Per Km	98.74
viii.	8th Km	Per Km	89.72
ix.	9th Km	Per Km	82.58
x.	10th Km	Per Km	76.88
xi.	11th Km & subsequent	Per Km	19.90
g.	18" (450 mm) i/d pipes:-		
i.	Upto 1st Km	Per Km	434.81
ii.	2nd Km	Per Km	381.88
iii.	3rd Km	Per Km	276.16
iv.	4th Km	Per Km	219.87
v.	5th Km	Per Km	184.75
vi.	6th Km	Per Km	160.94
vii.	7th Km	Per Km	143.56
viii.	8th Km	Per Km	130.44
ix.	9th Km	Per Km	120.06
x.	10th Km	Per Km	111.77
xi.	11th Km & subsequent	Per Km	32.15
h.	20" (500 mm) i/d pipes:-		
i.	Upto 1st Km	Per Km	477.24
ii.	2nd Km	Per Km	419.14
iii.	3rd Km	Per Km	303.10
iv.	4th Km	Per Km	241.32
v.	5th Km	Per Km	202.78
vi.	6th Km	Per Km	176.64
vii.	7th Km	Per Km	157.56
viii.	8th Km	Per Km	143.17
ix.	9th Km	Per Km	131.78
x.	10th Km	Per Km	122.68
xi.	11th Km & subsequent Kms	Per Km	33.50

Sr. No.	Description	Unit	Rate (Rs.)
20	i. 24" (600 mm) i/d pipes:-		
	i. Upto 1st Km	Per Km	636.31
	ii. 2nd Km	Per Km	558.85
	iii. 3rd Km	Per Km	404.14
	iv. 4th Km	Per Km	321.76
	v. 5th Km	Per Km	270.37
	vi. 6th Km	Per Km	235.52
	vii. 7th Km	Per Km	210.08
	viii. 8th Km	Per Km	190.89
	ix. 9th Km	Per Km	175.70
	x. 10th Km	Per Km	163.57
	xi. 11th Km & subsequent Kms	Per Km	39.65
	j. 30" (760 mm) i/d pipes:-		
	i. Upto 1st Km	Per Km	472.38
	ii. 2nd Km	Per Km	471.63
	iii. 3rd Km	Per Km	342.59
	iv. 4th Km	Per Km	273.03
	v. 5th Km	Per Km	229.11
	vi. 6th Km	Per Km	198.92
	vii. 7th Km	Per Km	176.63
	viii. 8th Km	Per Km	159.60
	ix. 9th Km	Per Km	145.99
	x. 10th Km	Per Km	134.99
	xi. 11th Km & subsequent Kms	Per Km	23.87
	k. 36" i/d pipes:-		
	i. Upto 1st Km	Per Km	529.59
	ii. 2nd Km	Per Km	528.75
	iii. 3rd Km	Per Km	384.08
	iv. 4th Km	Per Km	306.10
	v. 5th Km	Per Km	256.86
	vi. 6th Km	Per Km	223.01
	vii. 7th Km	Per Km	198.02
	viii. 8th Km	Per Km	178.92
	ix. 9th Km	Per Km	163.68
	x. 10th Km	Per Km	151.34
	xi. 11th Km & subsequent Kms	Per Km	30.20
	Carriage of PVC, UPVC, PPRC or HDPE pipes B.S.S. all Classes including loading, unloading and stacking (Rate per 1000 ft.) (300 metre) :-		
	25 % Extra to be paid for hilly area, 25% Extra for Hard Area, 20% more for Kucha Road, 15% more for desert road.		
	a. 3" (75 mm) i/d pipes:-		
	i. Upto 1st Km	Per Km	35.95
	ii. 2nd Km	Per Km	28.55

Sr. No.	Description	Unit	Rate (Rs.)
iii.	3rd Km	Per Km	21.26
iv.	4th Km	Per Km	17.39
v.	5th Km	Per Km	14.97
vi.	6th Km	Per Km	13.33
vii.	7th Km	Per Km	12.13
viii.	8th Km	Per Km	11.23
ix.	9th Km	Per Km	10.51
x.	10th Km	Per Km	9.94
xi.	11th Km & subsequent Kms	Per Km	3.90
b. 4" (100 mm) i/d pipes:-			
i.	Upto 1st Km	Per Km	56.17
ii.	2nd Km	Per Km	44.60
iii.	3rd Km	Per Km	33.23
iv.	4th Km	Per Km	27.17
v.	5th Km	Per Km	23.39
vi.	6th Km	Per Km	20.83
vii.	7th Km	Per Km	18.96
viii.	8th Km	Per Km	17.54
ix.	9th Km	Per Km	16.43
x.	10th Km	Per Km	15.54
xi.	11th Km & subsequent Kms	Per Km	6.80
c. 5" (125 mm) i/d pipes:-			
i.	Upto 1st Km	Per Km	87.76
ii.	2nd Km	Per Km	69.69
iii.	3rd Km	Per Km	51.92
iv.	4th Km	Per Km	42.45
v.	5th Km	Per Km	36.55
vi.	6th Km	Per Km	32.54
vii.	7th Km	Per Km	29.62
viii.	8th Km	Per Km	27.41
ix.	9th Km	Per Km	25.67
x.	10th Km	Per Km	24.27
xi.	11th Km & subsequent Kms	Per Km	10.65
d. 6" (150 mm) i/d pipes:-			
i.	Upto 1st Km	Per Km	126.38
ii.	2nd Km	Per Km	100.36
iii.	3rd Km	Per Km	74.76
iv.	4th Km	Per Km	61.13
v.	5th Km	Per Km	52.63
vi.	6th Km	Per Km	46.86
vii.	7th Km	Per Km	42.65
viii.	8th Km	Per Km	39.48
ix.	9th Km	Per Km	36.96

Sr. No.	Description	Unit	Rate (Rs.)
x.	10th Km	Per Km	34.96
xi.	11th Km & subsequent Kms	Per Km	12.15
e. 8" (200 mm) i/d pipes:-			
i.	Upto 1st Km	Per Km	224.67
ii.	2nd Km	Per Km	178.41
iii.	3rd Km	Per Km	132.90
iv.	4th Km	Per Km	108.67
v.	5th Km	Per Km	93.56
vi.	6th Km	Per Km	83.31
vii.	7th Km	Per Km	75.83
viii.	8th Km	Per Km	70.18
ix.	9th Km	Per Km	65.71
x.	10th Km	Per Km	62.14
xi.	11th Km & subsequent Kms	Per Km	22.75
f. 10" (250 mm) i/d pipes:-			
i.	Upto 1st Km	Per Km	351.05
ii.	2nd Km	Per Km	278.77
iii.	3rd Km	Per Km	207.66
iv.	4th Km	Per Km	169.80
v.	5th Km	Per Km	146.19
vi.	6th Km	Per Km	130.17
vii.	7th Km	Per Km	118.48
viii.	8th Km	Per Km	109.66
ix.	9th Km	Per Km	102.68
x.	10th Km	Per Km	97.10
xi.	11th Km & subsequent Kms	Per Km	33.25
g. 12" (300 mm) i/d pipes:-			
	1st chain (1st 30 m)		
i.	Upto 1st Km	Per Km	505.52
ii.	2nd Km	Per Km	401.42
iii.	3rd Km	Per Km	299.03
iv.	4th Km	Per Km	244.52
v.	5th Km	Per Km	210.51
vi.	6th Km	Per Km	187.44
vii.	7th Km	Per Km	170.61
viii.	8th Km	Per Km	157.90
ix.	9th Km	Per Km	147.85
x.	10th Km	Per Km	139.82
xi.	11th Km & subsequent Kms	Per Km	54.20
h. (315 mm) i/d pipes:-			
	1st chain (1st 30 m)		
i.	Upto 1st Km	Per Km	648.75
ii.	2nd Km	Per Km	647.72

Sr. No.	Description	Unit	Rate (Rs.)
iii.	3rd Km	Per Km	470.50
iv.	4th Km	Per Km	374.97
v.	5th Km	Per Km	314.65
vi.	6th Km	Per Km	273.18
vii.	7th Km	Per Km	242.58
viii.	8th Km	Per Km	219.18
ix.	9th Km	Per Km	200.50
x.	10th Km	Per Km	185.39
xi.	11th Km & subsequent Kms	Per Km	43.17
i. (400 mm) i/d pipes:-			
	1st chain (1st 30 m)		
i.	Upto 1st Km	Per Km	823.97
ii.	2nd Km	Per Km	822.66
iii.	3rd Km	Per Km	597.58
iv.	4th Km	Per Km	476.25
v.	5th Km	Per Km	399.64
vi.	6th Km	Per Km	346.97
vii.	7th Km	Per Km	308.09
viii.	8th Km	Per Km	278.38
ix.	9th Km	Per Km	254.66
x.	10th Km	Per Km	235.46
xi.	11th Km & subsequent Kms	Per Km	54.83
j. (500 mm) i/d pipes:-			
	1st chain (1st 30 m)		
i.	Upto 1st Km	Per Km	1,323.98
ii.	2nd Km	Per Km	1,321.87
iii.	3rd Km	Per Km	960.21
iv.	4th Km	Per Km	765.25
v.	5th Km	Per Km	642.15
vi.	6th Km	Per Km	557.52
vii.	7th Km	Per Km	495.05
viii.	8th Km	Per Km	447.31
ix.	9th Km	Per Km	409.19
x.	10th Km	Per Km	378.35
xi.	11th Km & subsequent Kms	Per Km	88.10
k. (660 mm) i/d pipes:-			
	1st chain (1st 30 m)		
i.	Upto 1st Km	Per Km	2,595.00
ii.	2nd Km	Per Km	2,590.87
iii.	3rd Km	Per Km	1,882.01
iv.	4th Km	Per Km	1,499.90
v.	5th Km	Per Km	1,258.61
vi.	6th Km	Per Km	1,092.73

Sr. No.	Description	Unit	Rate (Rs.)
vii.	7th Km	Per Km	970.31
viii.	8th Km	Per Km	876.73
ix.	9th Km	Per Km	802.01
x.	10th Km	Per Km	741.56
xi.	11th Km & subsequent Kms	Per Km	207.20
I. (800 mm) i/d pipes:-			
	1st chain (1st 30 m)		
i.	Upto 1st Km	Per Km	4,184.43
ii.	2nd Km	Per Km	4,177.77
iii.	3rd Km	Per Km	3,034.73
iv.	4th Km	Per Km	2,418.58
v.	5th Km	Per Km	2,029.50
vi.	6th Km	Per Km	1,762.03
vii.	7th Km	Per Km	1,564.62
viii.	8th Km	Per Km	1,413.72
ix.	9th Km	Per Km	1,293.24
x.	10th Km	Per Km	1,195.76
xi.	11th Km & subsequent Kms	Per Km	278.43

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 2

LOADING, UN-LOADING AND STACKING

SI No-	Description	Units	Rate (Rs.)	
			Labour	Composite
2-1	Loading or unloading into or from mobile trucks, coarse aggregate, sand, stone/ brick ballast, surkhi, ashes, kankar, brick/stone bats, coal or lime etc. lead upto 100 ft (30 m)	Cu.m	462.00	462.00
		Cu.ft	13.08	13.08
2-2	Loading or unloading bricks or tiles into or from mobile trucks properly laid and stacked lead upto 100 ft (30 m)	1000 Nos	1,344.00	1,344.00
2-3	Loading or unloading into or from mobile trucks cement in bags (inside or outside the godown) and stacking lead upto 100 ft (30 m)	1000 Nos	1,344.00	1,344.00
2-4	Loading or unloading into or from mobile trucks, coarse aggregate, sand, stone/ brick ballast, surkhi, ashes, kankar, brick/stone bats, coal or lime etc. lead upto 100 ft (30 m)	1000 Nos	129.36	129.36
2-5	Loading or unloading into or from mobile trucks (inside or outside the godown) and stacking, white lime in bags lead upto 100 ft (30 m)	% Kg.	25.20	25.20
2-6	Loading or unloading into or from mobile trucks structural steel, R.S joists etc. lead upto 100 ft (30 m)	Ton	268.80	268.80
2-7	Loading or unloading 205 litre drums fuel into or from mobile trucks, lead upto 100 ft (30 m)	Each	80.64	80.64
2-8	Loading or unloading packages of sorts weighing upto 50 kgs.	Each	40.32	40.32
2-9	Loading or unloading timber logs or timber for shuttering, into or from mobile trucks including stacking lead upto 100 ft (30 m)	Ton	370.44	370.44
2-10	Loading or unloading bhoosa into or from mobile trucks lead upto 150 ft. (45 m)	% Kg.	100.80	100.80
2-11	Loading or unloading timber scrap or wooden plugs into or from mobile trucks including stacking and lead upto 100 ft (30 m)	Ton	592.70	592.70
2-12	Loading or unloading pitching stone or spawl from mobile trucks including clearing	Cu.m	140.45	140.45
		Cu.ft	3.98	3.98
2-13	Loading or unloading building stone including clearing	Cu.m	182.28	182.28
		Cu.ft	5.16	5.16
2-14	Unloading oils.			
	a) Crude oil (to be pumped from tanker into tank)	1000 Liters	354.98	354.98
	b) Crude oil (drained by gravity)	1000 Liters	354.98	354.98
	c) Fuel oil into empty drums including stacking upto 100 ft (30 m)	Ton	527.02	527.02
	d) Petrol (4.5 litre tin)	100 Nos	677.38	677.38
	e) Kerosine (18 litre tin)	100 Nos	1,344.00	1,344.00
2-15	Removing and stacking lead upto 100 ft (30 m)			
		Cu.m	189.84	189.84
	a) Stone, spawl, brick bats, shingle, sand, lime, surkhi, ashes, kankar and coal etc.	Cu.ft	5.38	5.38
	b) Bricks	1000 Nos	1,433.54	1,433.54
	c) Rails, girders, pipes, cement etc.	Ton	263.76	263.76
	d) Bailey bridges & wooden structural members	Cu.m	588.00	588.00
		Cu.ft	16.65	16.65
2-16	Loading into mobile trucks girders, rails, permanent way material, iron work. pipes etc including lead upto 100 ft (30 m) and stacking	Ton	593.04	593.04
2-17	Unloading from mobile trucks girders, permanent way material, iron work, pipes, etc. lead upto 100 ft (30 m) but excluding stacking.	Ton	338.86	338.86
2-18	Loading or unloading bitumen, asphalt or tar in drums, into or from mobile trucks lead upto 100 ft (30 m)	Ton	355.82	355.82

SI No-	Description	Units	Rate (Rs.)	
			Labour	Composite
2-19	Loading bailey bridge wooden structural members including stacking lead upto 100 ft (30m)	Cu.m	462.00	462.00
		Cu.ft	13.08	13.08
2-20	Unloading bailey bridge wooden structural members excluding stacking lead upto 100 ft (30m)	Cu.m	235.20	235.20
		Cu.ft	6.66	6.66
2-21	Loading into mobile trucks, steel fabrication /bars including lead upto 100 ft (30m) and stacking inside trucks.	Ton	924.00	924.00
2-22	Unloading from mobile trucks, steel fabrication /bars including lead upto 100 ft (30m) and stacking	Ton	504.00	504.00

SECTION - 3

EARTH WORK

SI	Description	Units	Rate (Rs.)	
			Labour	Composite
3-1	Earth work excavation undressed, lead upto a single throw of kassi, phaorah, shovel.			
	A) Manual (Maximum Area 250 Sft)			
	i) In ashes, sand, soft soil or silt clearance.	Cu.m	142.80	142.80
		Cu.ft	4.04	4.04
	ii) In ordinary soil	Cu.m	171.36	171.36
		Cu.ft	4.85	4.85
	iii) In hard soil	Cu.m	294.00	294.00
		Cu.ft	8.33	8.33
	iv) In shingle or gravel	Cu.m	588.00	588.00
		Cu.ft	16.65	16.65
	B) Equipment			
	i) In ashes, sand, soft soil or silt clearance.	Cu.m	130.83	130.83
		Cu.ft	3.70	3.70
	ii) In ordinary soil	Cu.m	172.70	172.70
		Cu.ft	4.89	4.89
	iii) In hard soil	Cu.m	209.33	209.33
		Cu.ft	5.93	5.93
	iv) In shingle or gravel	Cu.m	261.66	261.66
		Cu.ft	7.41	7.41
3-2	Earth work excavation undressed, lead upto 50 ft. (15m.)			
	A) Manual (Maximum Area 250 Sft)			
	i) In ashes, sand, soft soil or silt clearance.	Cu.m	208.32	208.32
		Cu.ft	5.90	5.90
	ii) In ordinary soil	Cu.m	252.00	252.00
		Cu.ft	7.14	7.14
	iii) In hard soil	Cu.m	352.80	352.80
		Cu.ft	9.99	9.99
	iv) In shingle or gravel	Cu.m	714.00	714.00
		Cu.ft	20.22	20.22
	B) Mechanical			
	i) In ashes, sand, soft soil or silt clearance.	Cu.m	270.91	270.91
		Cu.ft	7.67	7.67
	ii) Ordinary soil	Cu.m	359.46	359.46
		Cu.ft	10.18	10.18
	iii) Hard soil	Cu.m	442.79	442.79
		Cu.ft	12.54	12.54
	iv) Shingle or gravel	Cu.m	594.14	594.14
		Cu.ft	16.82	16.82
3-3	Bed clearance in ordinary soil and dressing slopes of drains to required section including removal of weeds, roots etc. and disposal of excavated material within 50 ft. (15m) lead.			
	A) Excavated material undressed	Cu.m	265.44	265.44
		Cu.ft	7.52	7.52
	B) Excavated material dressed in specified manner.	Cu.m	285.60	285.60
		Cu.ft	8.09	8.09
3-4	Borrow pit excavation depth upto 10 ft. (3 m) undressed lead upto 100 ft. (30m)			
	A) In ashes, sand, soft soil or silt clearance.	Cu.m	317.60	317.60
		Cu.ft	8.99	8.99
	B) Ordinary soil	Cu.m	406.16	406.16
		Cu.ft	11.50	11.50
	C) Hard soil	Cu.m	489.48	489.48
		Cu.ft	13.86	13.86
	D) Shingle or gravel	Cu.m	687.53	687.53
		Cu.ft	19.47	19.47
3-5	Earthwork for embankment lead upto 1000 M and compaction by mechanical means at optimum moisture content, dressing to designed section including laying, leveling and watering.			
	A- Sand			
	i) 95% maximum modified AASHTO dry density	Cu.m	8.40	259.03
		Cu.ft	0.24	7.33
	ii) 90% maximum modified AASHTO dry density	Cu.m	8.40	248.80
		Cu.ft	0.24	7.05

	Description	Units	Labour	Composite
	iii) 85% maximum modified AASHTO dry density	Cu.m	8.40	214.21
		Cu.ft	0.24	6.07
	B- Ordinary soil			
	i) 95% maximum modified AASHTO dry density	Cu.m	11.76	383.44
		Cu.ft	0.33	10.86
	ii) 90% maximum modified AASHTO dry density	Cu.m	11.76	354.94
		Cu.ft	0.33	10.05
	iii) 85% maximum modified AASHTO dry density	Cu.m	11.76	344.71
		Cu.ft	0.33	9.76
	C- Hard soil			
	i) 95% maximum modified AASHTO dry density	Cu.m	15.12	559.01
		Cu.ft	0.43	15.83
	ii) 90% maximum modified AASHTO dry density	Cu.m	15.12	466.44
		Cu.ft	0.43	13.21
	iii) 85% maximum modified AASHTO dry density	Cu.m	15.12	416.50
		Cu.ft	0.43	11.79
	D- Shingle or gravel			
	i) 95% maximum modified AASHTO dry density	Cu.m	15.12	732.90
		Cu.ft	0.43	20.75
	ii) 90% maximum modified AASHTO dry density	Cu.m	15.12	681.74
		Cu.ft	0.43	19.30
	iii) 85% maximum modified AASHTO dry density	Cu.m	15.12	630.59
		Cu.ft	0.43	17.86
3-6	Earthwork for embankment lead upto 100 ft. (30m) and compaction by Manual (Maximum Area 250 Sft) labour at optimum moisture content, dressing to designed section, laying, leveling and watering.			
A- Sand		Cu.m	455.70	455.70
		Cu.ft	12.90	12.90
B- Ordinary soil		Cu.m	531.30	531.30
		Cu.ft	15.04	15.04
C- Hard soil		Cu.m	808.50	808.50
		Cu.ft	22.89	22.89
D- Shingle or gravel		Cu.m	1,102.50	1,102.50
		Cu.ft	31.22	31.22
3-7	Earthwork excavation in open cutting upto 5ft. (1.5m) depth for storm water channels, drains in open area, roads, streets lanes and shoring to protect existing works, shuttering and timbering the trenches dressed to designed level and dimension, trimming from trenches, backfilling and disposal of surplus excavated material upto 50ft (15m) including dressing, excluding removal of surface water from drains.			
A- In ashes, sand, soft soil or silt clearance.		Cu.m	38.22	272.80
		Cu.ft	1.08	7.72
B- Ordinary soil		Cu.m	39.90	350.59
		Cu.ft	1.13	9.93
C- Hard soil		Cu.m	41.58	423.16
		Cu.ft	1.18	11.98
D- Shingle or gravel		Cu.m	43.26	534.22
3-8	Earthwork excavation in open cutting from 5ft. to 10 ft (1.5m to 3 m) depth for storm water channels, drains in open area, roads, streets lanes and shoring to protect existing works, shuttering and timbering the trenches dressed to designed level and dimension, trimming from trenches, backfilling and disposal of surplus excavated material upto 100 ft (30 m) including dressing, excluding removal of surface water from drains.			
A- In ashes, sand, soft soil or silt clearance.		Cu.m	102.18	338.68
		Cu.ft	2.89	9.59
B- Ordinary soil		Cu.m	112.26	425.12
		Cu.ft	3.18	12.04
C- Hard soil		Cu.m	131.10	515.36
		Cu.ft	3.71	14.59
D- Shingle or gravel		Cu.m	156.60	628.16
		Cu.ft	4.43	17.79
3-9	Excavation in shingle or gravel formation, undressed lead upto 100 ft. (30m)			
	A- Manual (Maximum Area 250 Sft)			
i) Dry		Cu.m	530.88	530.88
		Cu.ft	15.03	15.03
ii) Wet		Cu.m	834.96	834.96
		Cu.ft	23.64	23.64

	Description	Units	Labour	Composite	
3-10	iii) In flowing water	Cu.m	1,063.44	1,063.44	
		Cu.ft	30.11	30.11	
	iv) Under water including dewatering	Cu.m	1,050.00	1,455.00	
		Cu.ft	29.73	41.20	
	B- Machinery				
	i) Dry	Cu.m	313.99	313.99	
		Cu.ft	8.89	8.89	
	ii) Wet	Cu.m	418.66	418.66	
		Cu.ft	11.86	11.86	
	iii) In flowing water	Cu.m	523.32	523.32	
		Cu.ft	14.82	14.82	
	iv) Under water including dewatering	Cu.m	252.00	1,194.98	
		Cu.ft	7.14	33.84	
	Earthwork excavation in irrigation channels drains etc. to designed section, grades and profiles excavated material disposed off and dressed within 50 ft (15m) lead.				
	A- Manual (Maximum Area 250 Sft)				
	i) In ashes, sand, soft soil or silt clearance.	Cu.m	266.52	266.52	
		Cu.ft	7.55	7.55	
	ii) Ordinary soil	Cu.m	337.50	337.50	
		Cu.ft	9.56	9.56	
	iii) Hard soil	Cu.m	435.42	435.42	
		Cu.ft	12.33	12.33	
	iv) Shingle or gravel formation	Cu.m	701.10	701.10	
		Cu.ft	19.85	19.85	
	B- Machinery				
	i) In ashes, sand, soft soil or silt clearance.	Cu.m	16.38	227.01	
		Cu.ft	0.46	6.43	
ii) Ordinary soil	Cu.m	21.20	296.50		
	Cu.ft	0.60	8.40		
iii) Hard soil	Cu.m	27.60	373.73		
	Cu.ft	0.78	10.58		
iv) Shingle or gravel formation	Cu.m	36.18	521.17		
	Cu.ft	1.02	14.76		
3-11	Excavation in rock dressed to designed section, grades and profiles, excavated material disposed of within 100 ft.(30 m) & lift upto 6.5 ft. (2m.)				
A) Soft rock, slate, shale, work, with pick and crow bar.	Cu.m	130.50	660.00		
	Cu.ft	3.70	18.69		
	B) Medium hard rock schist or laterite requiring occasional blasting	Cu.m	1,187.70	1,306.47	
		Cu.ft	33.63	37.00	
3-12	Excavation in hard rock requiring blasting and disposal of excavated material (blasted material) upto 50 ft. (15m) lead, (including dressing and levelling to designated section).				

Description		Units	Labour	Composite
E) Grade V		Cu.ft	38.47	46.16
		Cu.m	1,494.24	1,793.09
F) Grade VI		Cu.ft	42.31	50.77
		Cu.m	1,643.66	1,972.40
3-14 Rehandling of earthwork		Cu.ft	46.54	55.85
		Cu.m	117.60	117.60
A) Lead upto a single throw of Kassi, phaorah or shovel		Cu.ft	3.33	3.33
		Cu.m	168.00	168.00
B) Upto a lead of 50 ft. (15 m.)		Cu.ft	4.76	4.76
		Cu.m	218.40	218.40
C) Upto a lead of 100 ft. (30 m.)		Cu.ft	6.18	6.18
		Cu.m	379.68	379.68
3-15 Rehandling of gravel work or excavated rock, lead upto 50 ft. (15m.)		Cu.ft	10.75	10.75
3-16 Filling, watering and compacting earth under floors in layers not exceeding 8 inches in thickness.				
A) With surplus earth from foundation etc.		Cu.m	113.64	217.01
		Cu.ft	3.22	6.15
B) With new earth excavated from outside, lead upto 100 ft. (30m) and lift upto 5 ft. (1.5m) including royalty of Clay		Cu.m	113.64	367.46
		Cu.ft	3.22	10.41
C) With sand excavated from outside, lead upto 25 km including royalty of sand, no additional lead shall be paid without prior approval of Engineer incharge.		Cu.m	19.14	1,966.67
		Cu.ft	0.54	55.69
3-17 Filling, watering and ramming earth under floors for every 50 ft. (15m) additional lead or part thereof (Maximum upto 1000 ft.) (300 m)				
A) For earthwork soft, ordinary, hard and very hard		Cu.m	4.03	4.03
		Cu.ft	0.11	0.11
B) For gravel, shingle or rock		Cu.m	5.21	5.21
		Cu.ft	0.15	0.15
3-18 Dressing and levelling of earthwork to designed section.				
A) Ashes, sand, silt or soft soil		Cu.m	13.74	13.74
		Cu.ft	0.39	0.39
B) Ordinary or hard soil		Cu.m	24.18	24.18
		Cu.ft	0.68	0.68
C) Gravel work or soft rock not requiring blasting		Cu.m	58.50	58.50
		Cu.ft	1.66	1.66
3-19 Dressing dowels of canal banks, marginal bunds and flood protection bunds.		R.M	10.32	10.32
		R.ft	3.15	3.15
A) Dressing slopes of banks or ground surface		Sqm	15.12	15.12
		Sq.ft	1.40	1.40
B) Dressing of earthwork by machinery or otherwise and left undressed		Sqm	26.88	26.88
		Sq.ft	2.50	2.50
3-21 Excavation in foundation of buildings and bridges including layout, dressing, refilling around structures with excavated earth, watering & ramming lead upto 100 ft. (30m) & lift upto 5 ft. (1.5m)				
A- Manual (Maximum Area 250 Sft)				
i) Sand, ashes or loose soil		Cu.m	344.10	344.10
		Cu.ft	9.74	9.74
ii) Ordinary soil		Cu.m	400.20	400.20
		Cu.ft	11.33	11.33
iii) Hard soil or soft murum		Cu.m	449.28	449.28
		Cu.ft	12.72	12.72
iv) Shingle or gravel		Cu.m	523.80	523.80
		Cu.ft	14.83	14.83
B- Mechanical				
i) Sand		Cu.m	81.72	299.42
		Cu.ft	2.31	8.48
ii) Ordinary soil		Cu.m	108.96	415.62
		Cu.ft	3.09	11.77
iii) Hard soil		Cu.m	141.42	518.41
		Cu.ft	4.00	14.68
iv) Shingle or gravel formation		Cu.m	170.40	625.89
		Cu.ft	4.83	17.72

	Description	Units	Labour	Composite
3-22	Cutting hard rock such as granite, ballast, hard lime stone or sand stone etc. with chisels and hammers for small foundation.	Cu.m	2,828.64	3,862.72
		Cu.ft	80.10	109.38
3-23	Extra for excavation requiring shoring.	Cu.m	56.64	58.34
		Cu.ft	1.60	1.65
3-24	Manual (Maximum Area 250 Sft) Compaction of earthwork (soft, ordinary, or hard soil)			
A)	Mixing, moisturing earth to optimum moisture content in layers for compaction.	Cu.m	46.80	46.80
		Cu.ft	1.33	1.33
B)	Compaction by rolling with animal driven roller/hand rammed.			
i)	Soft and sandy soil	Cu.m	133.86	133.86
		Cu.ft	3.79	3.79
ii)	Ordinary soil	Cu.m	142.99	142.99
		Cu.ft	4.05	4.05
iii)	Hard soil	Cu.m	153.22	153.22
		Cu.ft	4.34	4.34
iv)	Shingle or gravel	Cu.m	164.19	164.19
		Cu.ft	4.65	4.65
C)	Ramming earth work (all type of soil)	Cu.m	57.98	57.98
		Cu.ft	1.64	1.64
D)	Ramming earth work behind retaining wall	Cu.m	76.73	76.73
		Cu.ft	2.17	2.17
3-25	Compaction of earthwork in embankment to full depth and width by approved mechanical means in layer not exceeding 10 inches (230mm) in depth at optimum moisture content including watering by mechanical means.			
A)	95% maximum modified AASHTO dry density.	Cu.m	51.13	607.14
		Cu.ft	1.45	17.19
B)	90% maximum modified AASHTO dry density.	Cu.m	51.13	498.08
		Cu.ft	1.45	14.10
C)	85% maximum modified AASHTO dry density.	Cu.m	51.13	443.55
		Cu.ft	1.45	12.56
3-26	Extra for wet earthwork (Supporting man's weight)	Cu.m	114.24	114.24
		Cu.ft	3.23	3.23
3-27	Extra for slush or daldal including dewatering (Not supporting man's weight)	Cu.m	304.08	304.08
		Cu.ft	8.61	8.61
3-28	Extra for puddling	Cu.m	238.92	238.92
		Cu.ft	6.77	6.77
3-29	Earthwork on small rain water drains, along canal banks, roads and plantation drains dressed.	R.M.	35.28	35.28
		R.ft	10.76	10.76
3-30	Filling and compacting soil, earth and boulders behind retaining walls (including excavation of soil and lead upto 50 ft. (15m)	Cu.m	341.04	341.04
		Cu.ft	9.66	9.66
3-31	Survey			
A)	Dag belling 3" (75 mm.) deep	Km.	2,469.60	2,469.60
B)	Cross Sectional Survey for roads using Total Station or Differential GPS (GNSS)	Km.	36,000.00	36,000.00
3-32	Turfing slopes of banks or lawns with grass sods including ploughing, laying, setting and watering (Truf obtained from within a distance of 8km (5 miles) and maintained for 15 days).	Sqm	193.20	193.20
		Sq.ft	17.95	17.95
3-33	Berm Cutting.			
A)	Lead upto a single throw of kassi, phaorah or shovel (without dressing)	Cu.m	171.36	171.36
		Cu.ft	4.85	4.85
B)	Lead upto 50 ft. (15 m.), including dressing	Cu.m	341.04	341.04
		Cu.ft	9.66	9.66
3-34	Berm trimming both sides of channels.			
A)	Upto 3 ft. (1.0 m) Channel depth	Cu.m	8,339.40	8,339.40
		Cu.ft	236.15	236.15
B)	Exceeding 3 ft. to 5 ft. (1.0 m to 1.5 m) Channel depth	Cu.m	8,124.00	8,124.00
		Cu.ft	230.05	230.05
C)	Exceeding 5 ft. to 8 ft. (1.5m to 2.5m) Channel depth	Cu.m	11,166.00	11,166.00
		Cu.ft	316.19	316.19
3-35	Ploughing and levelling borrow pits.			
A)	Upto 3 ft. (1 m) depth	Hectare	24,885.00	24,885.00

	Description	Units	Labour	Composite
3-36	B) Above 3 ft. (1 m) depth	Hectare	49,770.00	49,770.00
	Making boundary or service roads including dagbelling, levelling and dressing.			
3-36	A) Unploughed land			
	i) From 10 ft. to 20 ft. (3 m. to 6 m.) wide	R.M.	67.98	67.98
		R.ft	20.73	20.73
	ii) From 20 ft. to 40 ft. (6 m. to 12 m.) wide	R.M.	92.34	92.34
		R.ft	28.15	28.15
	B) Ploughed Land			
	i) From 10 ft. to 20 ft. (3 m to 6 m) wide	R.M.	47.59	47.59
		R.ft	14.51	14.51
3-36	ii) From 20 ft. to 40 ft. (6 m. to 12 m.) wide	R.M.	64.64	64.64
		R.ft	19.71	19.71
3-37	Earthwork by boats, including hire charges of boats.			
	A) Digging and loading into boats upto 50 ft. (15 m) lead	Cu.m	285.60	285.60
		Cu.ft	8.09	8.09
	B) Carriage by boats upto 1000 ft. (300 m)	Cu.m	224.40	224.40
		Cu.ft	6.35	6.35
	C) Extra for every additional 100 ft. (30m) or part thereof beyond 1000 ft. (300m)	Cu.m	13.20	13.20
		Cu.ft	0.37	0.37
	D) Un-loading Carriage by boats upto 1000 ft. (300 m)	Cu.m	132.72	132.72
		Cu.ft	3.76	3.76
3-38	Unloading earth from B.G. trucks and clearing 5 ft. (1.5 m) from rail	Cu.m	114.24	114.24
		Cu.ft	3.23	3.23
3-39	Earthwork by tramway, digging and loading into trucks, upto 50 ft. (15m) lead	Cu.m	265.44	265.44
		Cu.ft	7.52	7.52
3-40	Unloading earth from B.G. trucks and spreading upto 50 ft. (15m) from rail	Cu.m	171.36	171.36
		Cu.ft	4.85	4.85
3-41	Supplying clean and screened river or pit sand within 500 ft. (150m)	Cu.m	1,008.00	1,008.00
		Cu.ft	28.54	28.54
3-42	Excavation in open cutting for sewers and manholes as shown in drawings, dressing to correct sections and dimensions according to templates and levels and removing surface water in all types of soil except rock			
	(i) The rate includes back filling after laying of sewer, which is payable separately.			
	(ii) The rate for close/open shuttering & timbering will be as per item No. 3-43 & 3-44 where actually used at site.			
	A) Upto 5 ft. (1.5 m) depth			
	i) In ashes, sand, soft soil or silt clearance.	Cu.m	4.20	135.03
		Cu.ft	0.12	3.82
	ii) Ordinary soil	Cu.m	5.54	178.24
		Cu.ft	0.16	5.05
	iii) Hard soil	Cu.m	8.40	270.06
		Cu.ft	0.24	7.65
	iv) Shingle or gravel	Cu.m	12.60	405.09
		Cu.ft	0.36	11.47
	B) Below 5 ft. to 10 ft. (1.5 m to 3.0 m) depth			
	i) In ashes, sand, soft soil or silt clearance.	Cu.m	5.54	178.24
		Cu.ft	0.16	5.05
	ii) Ordinary soil	Cu.m	8.40	270.06
		Cu.ft	0.24	7.65
	iii) Hard soil	Cu.m	12.60	405.09
		Cu.ft	0.36	11.47
	iv) Shingle or gravel	Cu.m	16.80	540.12
		Cu.ft	0.48	15.29
	C) Below 10 ft. to 15 ft. (3.0 m to 4.5 m) depth			
	i) In ashes, sand, soft soil or silt clearance.	Cu.m	6.72	216.05
		Cu.ft	0.19	6.12
	ii) Ordinary soil	Cu.m	10.08	324.07
		Cu.ft	0.29	9.18
	iii) Hard soil	Cu.m	15.12	486.11
		Cu.ft	0.43	13.77
	iv) Shingle or gravel	Cu.m	20.16	648.14

	Description	Units	Labour	Composite
		Cu.ft	0.57	18.35
D)	Below 15 ft. to 20 ft. (4.5 m to 6.0 m) depth			
i)	In ashes, sand, soft soil or silt clearance.	Cu.m	8.40	270.06
		Cu.ft	0.24	7.65
ii)	Ordinary soil	Cu.m	12.60	405.09
		Cu.ft	0.36	11.47
iii)	Hard soil	Cu.m	16.80	540.12
		Cu.ft	0.48	15.29
iv)	Shingle or gravel	Cu.m	20.16	648.14
		Cu.ft	0.57	18.35
3-43	Providing and fixing close shuttering and timbering for excavation in open cutting for sewers and manholes as shown in drawings and removing of timbering after completion of job.			
A)	For depth upto 5 ft. (1.5 m.).	Sqm	95.81	600.33
		Sq.ft	8.90	55.77
B)	For depth below 5 ft. to 10 ft. (1.5 m to 3.0 m.)	Sqm	109.49	657.90
		Sq.ft	10.17	61.12
C)	For depth below 10 ft. to 15 ft. (3.0 m to 4.5 m.)	Sqm	123.18	938.94
		Sq.ft	11.44	87.23
D)	For depth below 15 ft. to 20 ft. (4.5 m to 6 m.)	Sqm	136.87	1,059.55
		Sq.ft	12.72	98.44
3-44	Providing and fixing open shuttering and timbering for excavation in open cutting for sewers and manholes as shown in drawings and removing of timbering after completion of job.			
A)	For depth upto 5 ft. (1.5 m.).	Sqm	95.81	423.72
		Sq.ft	8.90	39.37
B)	For depth below 5 ft. to 10 ft. (1.5 m to 3.0 m.)	Sqm	109.49	481.30
		Sq.ft	10.17	44.71
C)	For depth below 10 ft. to 15 ft. (3.0 m to 4.5 m.)	Sqm	123.18	688.75
		Sq.ft	11.44	63.99
D)	For depth below 15 ft. to 20 ft. (4.5 m to 6 m.)	Sqm	136.87	809.36
		Sq.ft	12.72	75.19
3-45	Excavation in open cutting for sewer and manholes as shown in drawings below sub-soil water level to correct section and dimension according to templates and levels including shoring, timbering and shuttering of M.S. sheets on both sides of the trenches.			
A)	Upto 4 ft. (1.25 m) depth below S.S.W.L.	Cu.m	554.40	1,202.81
		Cu.ft	15.70	34.06
B)	Below 4 ft. to 8 ft. (1.25 m to 2.50 m) depth below S.S.W.L.	Cu.m	831.60	1,480.01
		Cu.ft	23.55	41.91
C)	Exceeding below 8 ft. (2.5 m.) depth below S.S.W.L.	Cu.m	1,108.80	1,757.21
		Cu.ft	31.40	49.76
3-46	Levelling and dressing the ground by cutting and filling of earth in depth upto 6 inches including consolidating.			
A)	Rough Levelling in Ordinary Soil			
i)	Plain Area	Sqm	0.50	19.80
		Sq.ft	0.05	1.84
ii)	Sloppy Area	Sqm	1.01	39.60
		Sq.ft	0.09	3.68
B)	Rough Levelling Hard Soil			
i)	Plain Area	Sqm	0.84	29.70
		Sq.ft	0.08	2.76
ii)	Sloppy Area	Sqm	1.68	66.00
		Sq.ft	0.16	6.13
C)	Rough Levelling Sandy Soil			
i)	Plain Area	Sqm	0.34	13.20
		Sq.ft	0.03	1.23
ii)	Sloppy Area	Sqm	0.67	26.40
		Sq.ft	0.06	2.45
D)	Extra for Lazer Levelling			
i)	Normal Soil	Sqm	0.85	15.84
		Sq.ft	0.08	1.47
ii)	Hard Soil	Sqm	0.54	21.12
		Sq.ft	0.05	1.96
iii)	Sandy Soil	Sqm	0.34	13.20

Description		Units	Labour	Composite
		Sq.ft	0.03	1.23
3-47	Cutting and removing trees within a distance of 100 ft. (30m)			
A)	Upto 2.5 ft. (0.75 m.) girth	Each	1,545.60	1,545.60
B)	Above 2.5 ft. to 6 ft. (0.75 m to 1.8 m.) girth	Each	3,024.00	3,024.00
3-48	Up-rooting & removing stumps upto 100 ft.(30m) from 1.5 ft. to 6 ft. (0.50m to 1.75m) girth.	Each	2,016.00	2,016.00
3-49	Jungle clearance and removing upto 100 ft. (30m.)			
A)	Light	Sqm	288.96	288.96
		Sq.ft	26.85	26.85
B)	Thick	Sqm	577.92	577.92
		Sq.ft	53.69	53.69
3-50	Uprooting sarkanda growth & disposal upto 100 ft. (30 m.)	Sqm	13.44	13.44
		Sq.ft	1.25	1.25
3-51	Ploughing three (3) times.	Hectare	23,652.72	23,652.72
3-52	Levelling, dressing & making lawns.	Sqm	57.12	57.12
		Sq.ft	5.31	5.31
3-53	Clearing jungle by cutting, removing all shrubs, trees and taking out entire roots and filling the hollows with earth, dressing, consolidating and watering the filling including stacking the serviceable material and disposal of unserviceable material lead upto 1000 ft. (300 m.)	Sqm	48.72	48.72
		Sq.ft	4.53	4.53
3-54	Clearing jungle by cutting, removing all shrubs, trees and taking out entire roots and filling the hollows with earth, dressing, consolidating and watering the filling including stacking the serviceable material and disposal of unserviceable material lead upto 1000 ft. (300 m.)	Sqm	69.00	69.00
		Sq.ft	6.41	6.41
3-55	Manual Levelling and dressing the ground by cutting and filling earth upto 6 inches (150mm) in depth including consolidating and watering. To be used for area less than 100 sq.m, for areas more than 100 sq.m item No. 3-46 to be utilized.	Sqm	25.50	25.50
		Sq.ft	2.37	2.37
3-56	Excavation of shaft of Karez of internal size of 1m x 1.75m in including loading and disposal of excavated material within 30m (100 Ft) lead in ordinary soil/sand.			
A)	Up to 6m (20Ft) below ground level in dry condition	Cu.m	4,080.30	4,080.30
		Cu.ft	115.54	115.54
B)	6m to 12m below ground level in dry condition	Cu.m	5,541.90	5,541.90
		Cu.ft	156.93	156.93
C)	12m to 50m below ground level in dry condition	Cu.m	6,650.28	6,650.28
		Cu.ft	188.31	188.31
D)	50m to 75m below ground level in dry condition	Cu.m	7,647.82	7,647.82
		Cu.ft	216.56	216.56
E)	75m to 100m below ground level in dry condition	Cu.m	8,412.60	8,412.60
		Cu.ft	238.22	238.22
F)	Above 100m below ground level to any depth in dry condition	Cu.m	8,833.23	8,833.23
		Cu.ft	250.13	250.13
G)	Additional for wet conditions for items 3-56(A-F)	Cu.m		15%
H)	Additional for below spring level/in flowing conditions for items 3-56(A-F)	Cu.m		25%
3-57	Excavation of tunnel of Karez of internal size 1m x 1.75m including loading and disposal of excavated material within 30m in ordinary soil/sand			
A)	Up to 6m (20Ft) below ground level in any length and in dry condition	Cu.m	5,968.20	5,968.20
		Cu.ft	169.00	169.00
B)	6m to 12m below ground level in any length and in dry condition	Cu.m	8,526.00	8,526.00
		Cu.ft	241.43	241.43
C)	12m to 50m below ground level in any length and in dry condition	Cu.m	10,231.20	10,231.20
		Cu.ft	289.72	289.72
D)	50m to 75m below ground level in any length and in dry condition	Cu.m	11,765.88	11,765.88
		Cu.ft	333.17	333.17
E)	75m to 100m below ground level in any length and in dry condition	Cu.m	12,942.47	12,942.47
		Cu.ft	366.49	366.49
F)	Above 100m below ground level in any length and to any depth in dry condition	Cu.m	13,589.59	13,589.59
		Cu.ft	384.81	384.81
G)	Additional for wet conditions for items 3-57(A-F)	Cu.m		15%
H)	Additional for below spring level/in flowing conditions for items 3-57(A-F)	Cu.m		25%
I)	Cleaning of Karez silt/debris of any length in the range of depths as mentioned in items 3-57(A-F)	Cu.m		20%

	Description	Units	Labour	Composite
3-58	Excavation of shaft of Karez of internal size of 1m x 1.75m in including loading and disposal of excavated material within 30m (100 Ft) lead in hard soil			
A)	Up to 6m (20Ft) below ground level in dry condition	Cu.m	5,115.60	5,115.60
		Cu.ft	144.86	144.86
B)	6m to 12m below ground level in dry condition	Cu.m	7,673.40	7,673.40
		Cu.ft	217.29	217.29
C)	12m to 50m below ground level in dry condition	Cu.m	9,208.08	9,208.08
		Cu.ft	260.74	260.74
D)	50m to 75m below ground level in dry condition	Cu.m	10,589.29	10,589.29
		Cu.ft	299.86	299.86
E)	75m to 100m below ground level in dry condition	Cu.m	11,648.22	11,648.22
		Cu.ft	329.84	329.84
F)	Above 100m below ground level to any depth in dry condition	Cu.m	12,230.63	12,230.63
		Cu.ft	346.33	346.33
G)	Additional for wet conditions for items 3-58(A-F)	Cu.m		15%
H)	Additional for below spring level/in flowing conditions for items 3-58(A-F)	Cu.m		25%
3-59	Excavation of tunnel of Karez of internal size 1m x 1.75m including loading and disposal of excavated material within 30m in hard soil			
A)	Up to 6m (20Ft) below ground level in any length and in dry condition	Cu.m	7,673.40	7,673.40
		Cu.ft	217.29	217.29
B)	6m to 12m below ground level in any length and in dry condition	Cu.m	6,333.60	6,333.60
		Cu.ft	179.35	179.35
C)	12m to 50m below ground level in any length and in dry condition	Cu.m	7,600.32	7,600.32
		Cu.ft	215.22	215.22
D)	50m to 75m below ground level in any length and in dry condition	Cu.m	8,740.37	8,740.37
		Cu.ft	247.50	247.50
E)	75m to 100m below ground level in any length and in dry condition	Cu.m	9,614.40	9,614.40
		Cu.ft	272.25	272.25
F)	Above 100m below ground level in any length and to any depth in dry condition	Cu.m	10,095.13	10,095.13
		Cu.ft	285.86	285.86
G)	Additional for wet conditions for items 3-59(A-F)	Cu.m		15%
H)	Additional for below spring level/in flowing conditions for items 3-59A-F	Cu.m		25%
I)	Additional for Cleaning of Karez silt/debris of any length in the range of depths as mentioned in items 3-59A-F	Cu.m		20%
3-60	Excavation of shaft of Karez of internal size of 1m x 1.75 m in including loading and disposal of excavated material within 30m (100 Ft) lead in in hard strata including shingle, gravel or equivalent.			
A)	Up to 6m (20Ft) below ground level in dry condition	Cu.m	7,886.55	7,886.55
		Cu.ft	223.32	223.32
B)	6m to 12m below ground level in dry condition	Cu.m	13,428.45	13,428.45
		Cu.ft	380.25	380.25
C)	12m to 50m below ground level in dry condition	Cu.m	16,114.14	16,114.14
		Cu.ft	456.30	456.30
D)	50m to 75m below ground level in dry condition	Cu.m	18,531.26	18,531.26
		Cu.ft	524.75	524.75
E)	75m to 100m below ground level in dry condition	Cu.m	20,384.39	20,384.39
		Cu.ft	577.22	577.22
F)	Above 100m below ground level to any depth in dry condition	Cu.m	21,403.61	21,403.61
		Cu.ft	606.08	606.08
G)	Additional for wet conditions for items 3-60 from (A-F)	Cu.m	0.18	15%
H)	Additional for below spring level/in flowing conditions for items 3-60 from (A-F)	Cu.m	0.24	20%
3-61	Excavation of tunnel of Karez of internal size 1m x 1.75m including loading and disposal of excavated material within 30m in hard strata i/c shingle, gravel or equivalent			
A)	Up to 6m (20Ft) below ground level in any length and in dry condition	Cu.m	10,018.05	10,018.05
		Cu.ft	283.68	283.68
B)	6m to 12m below ground level in any length and in dry condition	Cu.m	14,281.05	14,281.05
		Cu.ft	404.39	404.39
C)	12m to 50m below ground level in any length and in dry condition	Cu.m	17,137.26	17,137.26
		Cu.ft	485.27	485.27
D)	50m to 75m below ground level in any length and in dry condition	Cu.m	19,707.85	19,707.85
		Cu.ft	558.06	558.06
E)	75m to 100m below ground level in any length and in dry condition	Cu.m	21,678.63	21,678.63

	Description	Units	Labour	Composite
3-62	F) Above 100m below ground level in any length and to any depth in dry condition	Cu.ft	613.87	613.87
		Cu.m	22,762.57	22,762.57
	G) Additional for wet conditions for items 3-61(A-F)	Cu.ft	644.56	644.56
		Cu.m		15%
	H) Additional for below spring level/in flowing conditions for items 3-61(A-F)	Cu.ft	-	0.00
		Cu.m		25%
	I) Additional for Cleaning of Karez silt/debris of any length in the range of depths as mentioned in items 3-61 from (A-F)	Cu.m		20%
	Excavation of shaft of Karez of internal size of 1m x 1.75m in including loading and disposal of excavated material within 30m (100 Ft) lead in soft to medium rock or shale/lime stone			
	A) Up to 6m (20Ft) below ground level in dry condition	Cu.m	17,478.30	17,478.30
		Cu.ft	494.93	494.93
3-63	B) 6m to 12m below ground level in dry condition	Cu.m	22,380.75	22,380.75
		Cu.ft	633.75	633.75
	C) 12m to 50m below ground level in dry condition	Cu.m	26,856.90	26,856.90
		Cu.ft	760.50	760.50
	D) 50m to 75m below ground level in dry condition	Cu.m	30,885.44	30,885.44
		Cu.ft	874.58	874.58
	E) 75m to 100m below ground level in dry condition	Cu.m	33,973.98	33,973.98
		Cu.ft	962.04	962.04
	F) Above 100m below ground level to any depth in dry condition	Cu.m	35,672.68	35,672.68
		Cu.ft	1,010.14	1,010.14
3-64	G) Additional for wet conditions for items 3-62(A-F)	Cu.m		15%
	H) Additional for below spring level/in flowing conditions for items 3-62(A-F)	Cu.m		20%
	Excavation of tunnel of Karez of internal size 1m x 1.75 m including loading and disposal of excavated material within 30m in in soft to medium rock or shale/lime stone			
	A) Up to 6m (20Ft) below ground level in any length and in dry condition	Cu.m	17,904.60	17,904.60
		Cu.ft	507.00	507.00
	B) 6m to 12m below ground level in any length and in dry condition	Cu.m	19,366.20	19,366.20
		Cu.ft	548.39	548.39
	C) 12m to 50m below ground level in any length and in dry condition	Cu.m	23,239.44	23,239.44
		Cu.ft	658.07	658.07
	D) 50m to 75m below ground level in any length and in dry condition	Cu.m	26,725.36	26,725.36
3-65		Cu.ft	756.78	756.78
	E) 75m to 100m below ground level in any length and in dry condition	Cu.m	29,397.89	29,397.89
		Cu.ft	832.45	832.45
	F) Above 100m below ground level in any length and to any depth in dry condition	Cu.m	30,867.79	30,867.79
		Cu.ft	874.08	874.08
	G) Additional for wet conditions for items 3-63(A-F)	Cu.m		15%
	H) Additional for below spring level/in flowing conditions for items 3-63(A-F)	Cu.m		25%
	I) Additional for Cleaning of Karez silt/debris of any length in the range of depths as mentioned in items 3-63 from (A-F)	Cu.m		20%
	Excavation of shaft of Karez of internal size of 1m x 1.75m in including loading and disposal of excavated material within 30m (100 Ft) lead in hard rock			
	A) Up to 6m (20Ft) below ground level in dry condition	Cu.m	38,367.00	38,367.00
3-66		Cu.ft	1,086.43	1,086.43
	B) 6m to 12m below ground level in dry condition	Cu.m	46,253.55	46,253.55
		Cu.ft	1,309.75	1,309.75
	C) 12m to 50m below ground level in dry condition	Cu.m	55,504.26	55,504.26
		Cu.ft	1,571.70	1,571.70
	D) 50m to 75m below ground level in dry condition	Cu.m	63,829.90	63,829.90
		Cu.ft	1,807.46	1,807.46
	E) 75m to 100m below ground level in dry condition	Cu.m	70,212.89	70,212.89
		Cu.ft	1,988.21	1,988.21
	F) Above 100m below ground level to any depth in dry condition	Cu.m	73,723.53	73,723.53
3-67		Cu.ft	2,087.62	2,087.62
	G) Additional for wet conditions for items 3-64(A-F)	Cu.m		15%
	H) Additional for below spring level/in flowing conditions for items 3-64 from (A-F)	Cu.m		20%
	Excavation of tunnel of Karez of internal size 1m x 1.75m including loading and disposal of excavated material within 30m in hard rock.			
	A) Up to 6m (20Ft) below ground level in any length and in dry condition	Cu.m	26,856.90	26,856.90

	Description	Units	Labour	Composite
		Cu.ft	760.50	760.50
B)	6m to 12m below ground level in any length and in dry condition	Cu.m	60,108.30	60,108.30
		Cu.ft	1,702.08	1,702.08
C)	12m to 50m below ground level in any length and in dry condition	Cu.m	72,129.96	72,129.96
		Cu.ft	2,042.49	2,042.49
D)	50m to 75m below ground level in any length and in dry condition	Cu.m	82,949.45	82,949.45
		Cu.ft	2,348.86	2,348.86
E)	75m to 100m below ground level in any length and in dry condition	Cu.m	91,244.40	91,244.40
		Cu.ft	2,583.75	2,583.75
F)	Above 100m below ground level in any length and to any depth in dry condition	Cu.m	95,806.62	95,806.62
		Cu.ft	2,712.94	2,712.94
G)	Additional for wet conditions for items 3-65 from (A-F)	Cu.m		15%
H)	Additional for below spring level/in flowing conditions for items 3-65(A-F)	Cu.m		25%
I)	Additional for Cleaning of Karez silt/debris of any length in the range of depths as mentioned in items 3-65 from (A-F)	Cu.m		20%
3-66	Cutting to a required gradient in all kinds of soil and disposing the same, levelling, dressing, watering and consolidation lead upto 100ft. (30m).	Cu.m	596.70	596.70
		Cu.ft	16.90	16.90
3-67	Cutting to a required gradient in all kinds of soil and disposing the same, levelling, dressing but without watering and consolidation lead upto 100 ft. (30m)	Cu.m	538.72	538.72
		Cu.ft	15.25	15.25
3-68	Providing turf only	Sqm		288.00
		Sq.ft	-	26.76
3-69	Spraying approved anti-termite chemical mixed with water in the ratio of 1:40	Sqm	14.20	162.69
		Sq.ft	1.32	15.11
3-70 (A)	Excavation of trenches for water supply pipe lines upto 5 ft. (1.5m) depth from ground level, including trimming, dressing sides, levelling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects including cost of back filling.			
i)	Ordinary soil	Cu.m	346.89	346.89
		Cu.ft	9.82	9.82
ii)	Hard Soil	Cu.m	507.00	507.00
		Cu.ft	14.36	14.36
iii)	Shingle and Gravel	Cu.m	643.68	643.68
		Cu.ft	18.23	18.23
3-70 (B)	Two coats of hot bitumen soaked with hessian cloth, 1.25kg of bitumen per square meter for water supply pipe.	Cu.m	290.40	574.50
		Cu.ft	8.22	16.27
3-71(A)	Cutting rock for water supply pipe lines in trenches upto 5 ft. (1.5m) depth from ground level, including trimming, dressing sides, levelling the beds of trenches to correct grade and cutting pits for joints, etc. complete in all respects including cost of back filling. Laying of pipes 1 inch to 12 inch of any kind	Cu.m	1,205.52	1,205.52
		Cu.ft	34.14	34.14
3-71(B)	Two coats of hot bitumen soaked with hessian cloth, 1.25kg of bitumen per square meter.	Cu.m	290.40	639.00
		Cu.ft	8.22	18.09
3-72	Transportation of earth all types when the total distance including the lead covered in the item of work is more than 250 metres except item No. 3-16(c)	Cu.m	(See	
3-73	Earthwork excavation in open cutting from 10ft. to 15 ft (3 m to 4.5 m) depth for storm water channels, drains, sullage drains in open area, roads, streets lanes and shoring to protect existing works, shuttering and timbering the trenches dressed to designed level and dimension, trimming from trenches, backfilling and disposal of surplus excavated material upto 100 ft (30 m) including dressing, excluding removal of surface water from drains.		Section-1	
A)	In ashes, sand, soft soil or silt clearance.	Cu.m	123.18	390.17
		Cu.ft	3.49	11.05
B)	Ordinary soil	Cu.m	133.26	483.39
		Cu.ft	3.77	13.69
C)	Hard soil	Cu.m	152.10	589.32
		Cu.ft	4.31	16.69
D)	Shingle or gravel	Cu.m	177.60	702.12
		Cu.ft	5.03	19.88

	Description	Units	Labour	Composite
3-74	Earthwork excavation in open cutting from 15ft. to 20 ft (4.5 m to 6 m) depth for storm water channels, drains, sullage drains in open area, roads, streets lanes and shoring to protect existing works, shuttering and timbering the trenches dressed to designed level and dimension, trimming from trenches, backfilling and disposal of surplus excavated material upto 100 ft (30 m) including dressing, excluding removal of surface water from drains.			
A)	In ashes, sand, soft soil or silt clearance.	Cu.m	156.18	503.64
		Cu.ft	4.42	14.26
B)	Ordinary soil	Cu.m	166.26	569.71
		Cu.ft	4.71	16.13
C)	Hard soil	Cu.m	185.10	701.81
		Cu.ft	5.24	19.87
D)	Shingle or gravel	Cu.m	210.60	814.61
		Cu.ft	5.96	23.07
3-75	Sludge removal in drains and disposal with 1 Km	Cu.m	70.20	414.53
		Cu.ft	1.99	11.74

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SECTION - 4

DISMANTLING

SI	Description	Units	Rate (Rs.)	
			Labour	Composite
4-1	Dismantling dry stone masonry	Cu.m	322.56	322.56
		Cu.ft	9.13	9.13
4-2	Loading or unloading into or from mobile trucks, coarse aggregate, sand, stone/ brick ballast, surkhi, ashes, kankar, brick/stone bats, coal or lime etc. lead upto 100 ft (30 m)	Cu.m	475.44	475.44
		Cu.ft	13.46	13.46
4-3	Dismantling stone masonry in lime or cement mortar.	Cu.m	1,139.04	1,139.04
		Cu.ft	32.25	32.25
4-4 A)	Dismantling dry stone or spawl pitching.	Cu.m	569.52	569.52
		Cu.ft	16.13	16.13
B)	Dismantling stone or spawl pitching (mud grouted).	Cu.m	216.72	216.72
		Cu.ft	6.14	6.14
4-5	Dismantling stone or spawl pitching and apron in silted condition.	Cu.m	949.20	949.20
		Cu.ft	26.88	26.88
4-6	Dismantling stone pitching, cement or lime grouted.	Cu.m	1,518.72	1,518.72
		Cu.ft	43.01	43.01
4-7	Dismantling stone	-	-	-
		-	-	-
A)	Wooden crates	Cu.m	759.36	759.36
		Cu.ft	21.50	21.50
B)	Wire mesh crates	Cu.m	949.20	949.20
		Cu.ft	26.88	26.88
C)	Mild steel mesh crates	Cu.m	1,176.00	1,176.00
		Cu.ft	33.30	33.30
4-8	Dismantling stoneware drain including base concrete	Cu.m	530.88	530.88
		Cu.ft	15.03	15.03
4-9	Dismantling mud/pise walling	Cu.m	189.84	189.84
		Cu.ft	5.38	5.38
4-10	Dismantling sundried brick masonry	Cu.m	475.44	475.44
		Cu.ft	13.46	13.46
4-11 A)	Dismantling dry brick masonry in ground floor	Cu.m	322.56	322.56
		Cu.ft	9.13	9.13
B)	Extra for first floor	Cu.m	58.80	58.80
		Cu.ft	1.67	1.67
4-12 A)	Dismantling brickwork in mud mortar	Cu.m	665.28	665.28
		Cu.ft	18.84	18.84
B)	Extra for first floor	Cu.m	117.60	117.60
		Cu.ft	3.33	3.33
4-13 A)	Dismantling brickwork in lime or cement mortar upto 9" width	Cu.m	1,614.48	1,614.48
		Cu.ft	45.72	45.72
B)	Dismantling brickwork in lime or cement mortar greater than 9"width	Cu.m	1,848.00	1,848.00
		Cu.ft	52.33	52.33
C)	Extra for first floor upto 9" width	Cu.m	277.20	277.20
		Cu.ft	7.85	7.85
D)	Extra for first floor greater than 9" width	Cu.m	327.60	327.60
		Cu.ft	9.28	9.28
4-14 A)	Dismantling cement block masonry upto 8" width	Cu.m	1,424.64	1,424.64

SI	Description	Units	Rate (Rs.)	
			Labour	Composite
		Cu.ft	40.34	40.34
B)	Dismantling cement block masonry greater than 8" width	Cu.m	1,680.00	1,680.00
		Cu.ft	47.57	47.57
C)	Extra for first floor upto 8" width	Cu.m	252.00	252.00
		Cu.ft	7.14	7.14
D)	Extra for first floor greater than 8" width	Cu.m	302.40	302.40
		Cu.ft	8.56	8.56
4-15	Dismantling dhajji walling	Cu.m	379.68	379.68
		Cu.ft	10.75	10.75
4-16	Dismantling mud concrete	Cu.m	759.36	759.36
		Cu.ft	21.50	21.50
4-17	Dismantling lime concrete	Cu.m	1,044.96	1,201.70
		Cu.ft	29.59	34.03
4-18	Dismantling lime or cement concrete under water.	Cu.m	3,988.32	4,586.57
		Cu.ft	112.94	129.88
4-19	Dismantling plain cement concrete	-	-	-
A)	Dismantling plain cement concrete 1 : 2 : 4 & richer mixes	Cu.m	336.00	4,176.00
		Cu.ft	9.51	118.25
B)	Dismantling plain cement concrete 1 : 3 : 6	Cu.m	294.00	2,828.40
		Cu.ft	8.33	80.09
C)	Dismantling plain cement concrete 1 : 4 : 8 & leaner mixes	Cu.m	252.00	2,786.40
		Cu.ft	7.14	78.90
D)	Dismantling cement concrete with brick aggregate	Cu.m	467.04	537.10
		Cu.ft	13.23	15.21
E)	Dismantling 2 inch (50 mm.) thick cement concrete D.P.C.	Cu.m	210.00	252.00
		Cu.ft	5.95	7.14
4-20	Dismantling reinforced cement concrete, separating reinforcement from concrete, clearing and straightening the same	Cu.m	1,680.00	7,332.00
		Cu.ft	47.57	207.62
4-21	Dismantling sirki, sarkanda or thached roofing, supported on battens or ballies	Sq.m	68.88	68.88
		Sq.ft	6.40	6.40
4-22	Dismantling	-	-	-
A)	Dismantling 1st class tile roofing	Sq.m	173.04	173.04
		Sq.ft	16.08	16.08
B)	Dismantling 2nd class tile roofing	Sq.m	144.48	144.48
		Sq.ft	13.42	13.42
4-23	Dismantling from any height, asbestos sheets and ridge coping	Sq.m	85.68	85.68
		Sq.ft	7.96	7.96
4-24 A)	Dismantling roof of wooden planks and battens from any height	Sq.m	91.92	91.92
		Sq.ft	8.54	8.54
B)	Dismantling wooden ceiling above 20 ft. (6 m.) height in difficult position, including lifting with care and special scaffolding along live electric wires with machines underneath	Sq.m	316.56	316.56
		Sq.ft	29.41	29.41

SI	Description	Units	Rate (Rs.)	
			Labour	Composite
4-25	Dismantling jack arch roofing including removal of joints	Sq.m	231.84	231.84
		Sq.ft	21.54	21.54
4-26	Dismantling R.B. roof complete with mud and mud plaster, including separating reinforcement, clearing and straightening the same.	Sq.m	288.96	288.96
		Sq.ft	26.85	26.85
4-27 A)	Stripping and stacking slate or tiles from the truss roofing	Sq.m	99.12	99.12
		Sq.ft	9.21	9.21
B)	Stripping and stacking G.I. sheet roof	Sq.m	129.36	129.36
		Sq.ft	12.02	12.02
C)	Extra for dismantling G.I. sheet roof above 20 ft. (6 m.) in difficult position, including lifting with special scaffolding along live electric wire with machine underneath	Sq.m	152.76	152.76
		Sq.ft	14.19	14.19
D)	Dismantling R.S. beam in ground floor and stacking lead upto 300 ft. (90m.)	Kg.	28.80	28.80
E)	Dismantling planked ceiling and its supporting timber in ground floor including stacking serviceable material & disposal of unserviceable material upto 300 ft. (90 m.)	Sq.m	180.00	180.00
		Sq.ft	16.72	16.72
4-28	Dismantling slates or tiles including battens, purlins and planking.	Sq.m	231.84	231.84
		Sq.ft	21.54	21.54
4-29	Dismantling brick or flagged flooring without concrete foundation.	Sq.m	99.12	99.12
		Sq.ft	9.21	9.21
4-30 A)	Dismantling plank or wooden block flooring etc	Sq.m	144.48	144.48
		Sq.ft	13.42	13.42
B)	Dismantling stone or precast slab floors of any thickness in any matter including stacking serviceable material and disposing of surplus material lead upto 300 ft.(90m)	Sq.m	756.00	756.00
		Sq.ft	70.23	70.23
C)	Dismantling cement tiled/terrazzo floor in basement, plinth and ground floor including base mortar and staking salvaged material (serviceable) and disposing of surplus stuff as directed within 300 ft. (90 m.)	Sq.m	663.60	663.60
		Sq.ft	61.65	61.65
D)	Dismantling dado or skirting in basement, plinth and ground floor including base mortar and staking salvaged material (serviceable) and disposing of surplus stuff as directed within 300 ft. (90 m.)	Sq.m	623.28	623.28
		Sq.ft	57.90	57.90
4-31	Disjoining RCC pipes inside the trench, dismantling and removing the pipes from the trench and stacking them outside.		-	-
A)	6 inches to 12 inches (150 mm to 300 mm.) diameter	R.M.	168.00	168.00
		R.ft	51.22	51.22
B)	Above 1 ft. to 2 ft. (300mm to 600mm.) diameter	R.M.	252.00	252.00
		R.ft	76.83	76.83

SI	Description	Units	Rate (Rs.)	
			Labour	Composite
C)	Above 2 ft to 3 ft. (600mm to 900mm) diameter	R.M.	294.00	294.00
		R.ft	89.63	89.63
D)	Above 3 ft. (900 mm) diameter	R.M.	504.00	504.00
		R.ft	153.66	153.66
4-32 A)	Removing door with chowkat	Each	542.40	542.40
B)	Removing windows and sky lights with chowkat	Each	428.16	428.16
4-33	Removing ventilators and wooden sunshades, etc.	Each	227.04	227.04
4-34 A)	Dismantling wooden beams upto 13 ft. (4 m.) in length	Each	336.00	336.00
B)	Dismantling wooden beams from 13 ft to 23 ft. (4 m. to 7 m.) length	Each	537.60	537.60
4-35 A)	Dismantling wooden partition jaffry work	Sq.m	73.68	73.68
		Sq.ft	6.85	6.85
B)	Dismantling wooden Trusses	% Kg.	1,882.80	1,882.80
4-36	Dismantling wooden palisade fencing	R.M.	190.08	190.08
		R.ft	57.95	57.95
4-37	Dismantling iron-work of trusses, sheds, water tanks excluding cutting of rivets.	Kg.	2,052.00	2,052.00
4-38	Dismantling rolled steel beams or iron rails etc.	Kg.	1,092.00	1,092.00
4-39	Dismantling iron latrine	Unit of 2 seats	1,881.60	1,881.60
4-40	Dismantling tees,bends or sluice value upto 12 inches (300 mm) bore	Each	446.88	446.88
4-41 A)	Dismantling B.G. water column	Each	10,608.00	10,608.00
B)	Dismantling M.G. or N.G. water column.	Each	7,320.00	7,320.00
4-42	Dismantling all type of wire fencing including rolling wire into bundles and collecting material	R.M.	28.56	28.56
		R.ft	8.71	8.71
4-43	Dismantling wire netting of tennis courts and frame work	Sq.m	47.04	47.04
		Sq.ft	4.37	4.37
4-44	Dismantling cloth ceiling and supporting timber	Sq.m	85.68	85.68
		Sq.ft	7.96	7.96
4-45 A)	Dismantling and removing road metalling	Cu.m	566.40	566.40
		Cu.ft	16.04	16.04
B)	Dismantling and removing road pavement, etc. including screening and stacking of by product upto 100 ft. (30 m.) lead.	Cu.m	768.00	768.00
		Cu.ft	21.75	21.75
4-46 A)	Removing mud plaster from walls (where no scaffolding is required)	Sq.m	23.52	23.52
		Sq.ft	2.19	2.19
B)	Removing earth, mud plaster and gobri leaping from roof including disposal up to 100 ft. (90 m)	Sq.m	-	-
		Sq.ft	-	-
i)	3 inches (75 mm) earth filling and mud plaster 1 inch (25 mm) thick	Sq.m	252.00	252.00
		Sq.ft	23.41	23.41
ii)	4 inches (100 mm) earth filling and mud plaster 1 inch (25 mm) thick	Sq.m	336.00	336.00
		Sq.ft	31.22	31.22

SI	Description	Units	Rate (Rs.)	
			Labour	Composite
4-47	Removing cement or lime plaster from walls (where no scaffolding is required)	Sq.m	48.72	48.72
		Sq.ft	4.53	4.53
4-48 A)	White wash or color wash from walls and ceiling	Sq.m	23.52	23.52
		Sq.ft	2.19	2.19
B)	Ordinary distemper, oil free distemper from walls and ceiling	Sq.m	87.36	87.36
		Sq.ft	8.12	8.12
4-49	Dismantling glazed or encaustic tiles from walls (where no scaffolding is required)	Sq.m	318.78	318.78
		Sq.ft	29.62	29.62
4-50	Scraping boulders	Cu.m	1,327.20	1,327.20
		Cu.ft	37.58	37.58
4-51	Cleaning mortar of old stones to be used in masonry	Cu.m	672.00	672.00
		Cu.ft	19.03	19.03
4-52	Dismantling light, fan and call bell point including casing and capping strip open type and making good damaged surface	Per	110.10	121.11
4-53	Dismantling plug point and making good damaged surface	Per Point	115.80	127.38
4-54	Dismantling G.I/ M.S. conduit/ G.I. flexible/ PVC pipes or conduit wiring etc. of all sizes including making good damaged surface.		-	-
A)	On surface	R.M.	69.60	80.04
		R.ft	21.22	24.40
B)	Recessed in wall	R.M.	157.14	182.10
		R.ft	47.91	55.52
4-55	Scraping, rubbing and cleaning of oil bound distemper from ceiling and walls including removal of rubbish in all floors.	Sq.m	51.00	98.83
		Sq.ft	4.74	9.18
4-56	Scraping, rubbing and cleaning emulsion finish distemper, snowcem and paints of all sort from walls and ceiling including removal of rubbish in all floors.	Sq.m	84.60	114.20
		Sq.ft	7.86	10.61
4-57	Brushing and cleaning with solution of cautic soda the surface of stone masonry, brick masonry and concrete including removal of rubbish in all floor.	Sq.m	42.60	72.20
		Sq.ft	3.96	6.71
4-58	Removing mud plaster & disposing of the rubbish.		-	-
A)	From walls	Sq.m	67.20	68.86
		Sq.ft	6.24	6.40
B)	From roof	Sq.m	50.40	52.06
		Sq.ft	4.68	4.84
4-59	Removing cement or lime plaster of any thickness from ceiling and disposing of the rubbish in any floor.	Sq.m	79.20	80.86
		Sq.ft	7.36	7.51
4-60	Removing stains from wood work by scraping or applying any approved chemical including removal of rubbish from the site.	Sq.m	33.60	46.10
		Sq.ft	3.12	4.28

SI	Description	Units	Rate (Rs.)	
			Labour	Composite
4-61	Scraping old paints of all sorts with blow lamp from wood, plastered, rendered and/or concrete surface including rubbing, cleaning and removal of rubbish from site	Sq.m	46.20	70.82
		Sq.ft	4.29	6.58
4-62	Scraping old paint of all sorts with blow lamp from steel and iron work including rubbing, cleaning and removal of rubbish from site	Sq.m	34.65	58.60
		Sq.ft	3.22	5.44
4-63	Removing all sorts of varnish and polishes without blow lamp from wooden surface including removal of rubbish from site	Sq.m	23.10	35.38
		Sq.ft	2.15	3.29
4-64	Dismantling from any height, fiber glass sheets roofing and ridge	Sq.m	109.20	109.20
		Sq.ft	10.15	10.15
4-65	Extra for respective payable item of ground floor	%	-	-
A)	For first floor			10%
B)	For each additional floor above first floor			7.50%

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SECTION - 5

PLAIN AND RCC

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
5-1	Dry ramming brick/ stone ballast 1-1/2" to 2" (40mm to 50mm) gauge	Cu.m	1,424.64	2,885.88
		Cu.ft	40.34	81.72
5-2	Providing and laying plain hand mixed cement concrete using brick/ Stone ballast 1-1/2" to 2" (40mm to 50mm) with approved source sand in foundation and plinth including leveling, compacting and curing.		-	
a)	1 : 3 : 6	Cu.m	2,977.92	11,352.43
		Cu.ft	84.33	321.46
b)	1 : 4 : 8	Cu.m	2,977.92	9,770.78
		Cu.ft	84.33	276.68
c)	1 : 5 : 10	Cu.m	2,977.92	8,930.93
		Cu.ft	84.33	252.90
d)	1 : 6 : 12	Cu.m	2,977.92	8,365.05
		Cu.ft	84.33	236.87
5-3	Extra labour charges on item No. 5-2 above for sedimentation tank or filter beds of Public Health engineering works		-	-
a)	In bed		1,023.96	1,023.96
b)	On slope		1,546.02	1,546.02
5-4	Providing and laying plain hand mixed cement concrete using sand approved source and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation and plinth including leveling, compacting & curing.		-	-
a)	1 : 3 : 6	Cu.m	2,977.92	11,733.98
		Cu.ft	84.33	332.27
b)	1 : 4 : 8	Cu.m	2,977.92	10,153.08
		Cu.ft	84.33	287.50
c)	1 : 5 : 10	Cu.m	2,977.92	9,275.02
		Cu.ft	84.33	262.64
d)	1 : 6 : 12	Cu.m	2,977.92	8,452.05
		Cu.ft	84.33	239.34
5-5	Providing and laying plain machine mixed cement concrete using coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) & down gauge in foundation including levelling, compacting and curing.		-	-
a)	1 : 2 : 4	Cu.m	4,050.42	15,512.64
		Cu.ft	114.70	439.27
b)	1 : 3 : 6	Cu.m	4,050.42	13,355.63
		Cu.ft	114.70	378.19
c)	1 : 4 : 8	Cu.m	4,050.42	11,768.99
		Cu.ft	114.70	333.26
d)	1 : 5 : 10	Cu.m	4,050.42	10,887.91
		Cu.ft	114.70	308.31
e)	1 : 6 : 12	Cu.m	4,050.42	10,064.95
		Cu.ft	114.70	285.01
5-6	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in sills and Bed Plate including formwork and its removal, compacting and curing	Cu.m	2,614.50	15,143.88
		Cu.ft	74.03	428.83
5-7	Deduct for item 5-5 above if Local approved fine sand is used instead of approved coarse sand		-	
a)	1 : 2 : 4	Cu.m	-	129.36
		Cu.ft	-	3.66
b)	1 : 3 : 6	Cu.m	-	135.38
		Cu.ft	-	3.83
c)	1 : 4 : 8	Cu.m	-	138.39
		Cu.ft	-	3.92
d)	1 : 5 : 10	Cu.m	-	141.40
		Cu.m	-	

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
5-8	Providing and laying cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in foundation including leveling, compacting and curing.	e) 1 : 6 : 12	Cu.ft -	4.00
			Cu.m -	144.41
			Cu.ft -	4.09
			-	-
		a) 1 : 1 : 2	Cu.m 4,050.42	22,886.72
			Cu.ft 114.70	648.08
		b) 1 : 1.5 : 3	Cu.m 4,050.42	18,652.62
			Cu.ft 114.70	528.18
		c) 1 : 2 : 4	Cu.m 4,050.42	16,186.09
			Cu.ft 114.70	458.34
5-9-1	Providing and laying 3" x 3" (75mm x 75mm) cement concrete 1:2:4 gola using crushed aggregate at junction of roof slab and wall and finished with 1/4" (6.4mm) thick cement plaster 1:4 including curing.	d) 1 : 3 : 6	Cu.m 4,050.42	14,547.91
			Cu.ft 114.70	411.95
		e) 1 : 4 : 8	Cu.m 4,050.42	12,674.78
			Cu.ft 114.70	358.91
			R.M 60.63	145.76
			R.ft 18.49	44.44
			-	-
			-	-
			-	-
			-	-
5-10	Deduct for item 5-8 above if Local sand approved source is used instead of approved coarse sand.	a) 1 : 1 : 2	Cu.m -	117.33
			Cu.ft -	3.32
		b) 1 : 1.5 : 3	Cu.m -	126.36
			Cu.ft -	3.58
		c) 1 : 2 : 4	Cu.m -	132.37
			Cu.ft -	3.75
		d) 1 : 3 : 6	Cu.m -	141.40
			Cu.ft -	4.00
		e) 1 : 6 : 12	Cu.m -	144.41
			Cu.ft -	4.09
5-11	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 1-1/2" (38mm) and down gauge in foundation including formwork and its removal, compaction and curing		-	-
		a) 1 : 2 : 4	Cu.m 2,805.00	15,687.42
			Cu.ft 79.43	444.22
		b) 1 : 3 : 6	Cu.m 2,805.00	13,530.41
			Cu.ft 79.43	383.14
		c) 1 : 4 : 8	Cu.m 2,805.00	11,943.77
			Cu.ft 79.43	338.21
		d) 1 : 5 : 10	Cu.m 2,805.00	11,062.69
			Cu.ft 79.43	313.26
		e) 1 : 6 : 12	Cu.m 2,805.00	10,239.73
5-12	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate having maximum size upto 3/4" (19mm) and down gauge in foundation including formwork using wooden braces and without wall ties, compaction, curing and removal of formwork		-	-
		a) 1 : 2 : 4	Cu.m 2,805.00	16,360.87
			Cu.ft 79.43	463.29
		b) 1 : 3 : 6	Cu.m 2,805.00	14,722.69
			Cu.ft 79.43	416.90
		c) 1 : 4 : 8	Cu.m 2,805.00	12,849.56
			Cu.ft 79.43	363.86
			-	-
			-	-
			-	-

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
5-13	d) 1 : 5 : 10	Cu.m	2,805.00	12,068.03
		Cu.ft	79.43	341.73
	e) 1 : 6 : 12	Cu.m	2,805.00	11,553.76
		Cu.ft	79.43	327.17
	Providing & laying in situ cement concrete in wall and piers etc, upto 12" (300 mm) in thickness using approved coarse sand & crushed aggregate 3/4" (19mm) & down gauge including compacting, curing, cost of formwork and its removal in basement and ground floor		-	-
	a) 1 : 1 : 2	Cu.m	2,614.50	24,840.56
		Cu.ft	74.03	703.41
	b) 1 : 1.5 : 3	Cu.m	2,614.50	20,606.46
		Cu.ft	74.03	583.51
	c) 1 : 2 : 4	Cu.m	2,614.50	18,139.93
5-14		Cu.ft	74.03	513.67
	d) 1 : 3 : 6	Cu.m	2,614.50	16,501.75
		Cu.ft	74.03	467.28
	e) 1 : 4 : 8	Cu.m	2,614.50	14,628.62
		Cu.ft	74.03	414.24
	f) Extra for first floor	Cu.m	2,875.95	3,254.83
		Cu.ft	81.44	92.17
	g) Extra for every additional floor above first floor	Cu.m	2,810.59	3,094.74
		Cu.ft	79.59	87.63
	Same as in Item 5 -7 but in walls and piers above 12" (300mm) in thickness.		-	-
5-15	a) 1 : 1 : 2	Cu.m	2,614.50	24,162.61
		Cu.ft	74.03	684.21
	b) 1 : 1.5 : 3	Cu.m	2,614.50	19,928.50
		Cu.ft	74.03	564.31
	c) 1 : 2 : 4	Cu.m	2,614.50	17,461.98
		Cu.ft	74.03	494.47
	d) 1 : 3 : 6	Cu.m	2,614.50	15,823.79
		Cu.ft	74.03	448.08
	e) 1 : 4 : 8	Cu.m	2,614.50	13,950.67
		Cu.ft	74.03	395.04
5-15	f) Extra for first floor	Cu.m	261.45	572.53
		Cu.ft	7.40	16.21
	g) Extra for every additional floor above first floor	Cu.m	196.09	429.40
		Cu.ft	5.55	12.16
	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in pillars and columns of any shape in super structure including compacting, curing, cost of form-work & its removal in basement and ground floor.		-	-
	a) 1 : 1 : 2	Cu.m	2,614.50	26,534.00
		Cu.ft	74.03	751.36
	b) 1 : 1.5 : 3	Cu.m	2,614.50	22,299.90
		Cu.ft	74.03	631.46
	c) 1 : 2 : 4	Cu.m	2,614.50	19,833.37
5-15		Cu.ft	74.03	561.62
	d) 1 : 3 : 6	Cu.m	2,614.50	18,195.19
		Cu.ft	74.03	515.23
	e) Extra for first floor	Cu.m	261.45	809.67
		Cu.ft	7.40	22.93
	f) Extra for every additional floor above first floor	Cu.m	196.09	607.25
		Cu.ft	5.55	17.20
	g) Extra for minarets of Masjid / mosque	Cu.m	261.45	668.37

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
5-16(a)	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in beams, lintels and cantilevers of required shape or section including formwork and its removal compacting and curing in basement and ground floor.	Cu.ft	7.40	18.93
		Cu.m	2,614.50	19,372.57
		Cu.ft	74.03	548.57
		Cu.m	261.45	763.59
		Cu.ft	7.40	21.62
b)	Extra for first floor	Cu.m	196.09	607.25
		Cu.ft	5.55	17.20
c)	Extra for every additional floor above first floor	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
5-17	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in slabs including formwork and its removal, compacting and curing	Cu.m	2,614.50	19,794.93
		Cu.ft	74.03	560.53
		Cu.m	261.45	805.83
		Cu.ft	7.40	22.82
		Cu.m	196.09	604.37
a)	Upto 6" (150 mm) thickness	Cu.ft	5.55	17.11
		Cu.m	130.73	402.91
		Cu.ft	3.70	11.41
i)	In basement, plinth and ground floor	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	2,614.50	18,472.98
		Cu.ft	74.03	523.10
		Cu.m	261.45	673.63
ii)	Extra for first floor	Cu.ft	7.40	19.08
		Cu.m	196.09	505.22
		Cu.ft	5.55	14.31
		Cu.m	130.73	338.81
		Cu.ft	3.70	9.59
iii)	Extra for every additional floor above first floor	Cu.m	2,614.50	16,254.84
		Cu.ft	74.03	460.29
		Cu.m	261.45	451.82
		Cu.ft	7.40	12.79
		Cu.m	196.09	338.86
iv)	Extra for sloping roofs for slope more than 15 degrees	Cu.ft	5.55	9.60
		Cu.m	130.73	227.90
		Cu.ft	3.70	6.45
b)	Above 6" (150 mm) upto 12" (300 mm) thickness	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	2,614.50	16,254.84
		Cu.ft	74.03	460.29
		Cu.m	261.45	451.82
i)	In basement, plinth and ground floor	Cu.ft	7.40	12.79
		Cu.m	196.09	338.86
		Cu.ft	5.55	9.60
		Cu.m	130.73	227.90
		Cu.ft	3.70	6.45
ii)	Extra for first floor	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
iii)	Extra for every additional floor above first floor	Cu.m	5,614.50	32,092.22
		Cu.ft	158.98	908.75
		Cu.m	561.45	2,035.56
		Cu.ft	15.90	57.64
		Cu.m	421.09	1,526.67
iv)	Extra for sloping roofs for slope more than 15 degrees	Cu.ft	11.92	43.23
		Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
		Cu.ft	-	-
5-18	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in barrel type shell roof upto 4" (100mm) in thickness including formwork and its removal, compacting & curing	Cu.m	2,614.50	26,154.10
		Cu.ft	74.03	740.60
		Cu.m	2,614.50	21,919.99
		Cu.ft	-	-
		Cu.m	-	-
i)	In Ground Floor	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
ii)	Extra for first floor	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
iii)	Extra for every additional floor above first floor	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
5-19	Providing and laying in situ cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in arches with spandrels, in basement and ground floor including compacting, curing, cost of formwork and its removal	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
a)	1 : 1 : 2	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
b)	1 : 1.5 : 3	Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-
		Cu.ft	-	-
		Cu.m	-	-

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
c)	1 : 2 : 4	Cu.ft	74.03	620.70
		Cu.m	2,614.50	19,453.46
	1 : 3 : 6	Cu.ft	74.03	550.86
		Cu.m	2,614.50	17,815.28
	Extra for first floor	Cu.ft	74.03	504.47
		Cu.m	261.45	771.68
	Extra for every additional floor above first floor	Cu.ft	7.40	21.85
		Cu.m	196.09	578.76
		Cu.ft	5.55	16.39
5-20(a)	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in balustrade of stairs or balcony, sun breakers, sun shades, parapets and eave boards upto 3" (75 mm) of required shape or section including formwork & its removal, compacting and curing in basement and ground floor.	Cu.m	2,614.50	21,976.12
	Extra for first floor	Cu.ft	74.03	622.29
		Cu.m	261.45	1,023.94
	Extra for every additional floor above first floor	Cu.ft	7.40	28.99
		Cu.m	196.09	767.96
		Cu.ft	5.55	21.75
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) & down gauge in stairs of any shape or section including formwork & its removal, compacting and curing in basement and ground floor.	Cu.m	2,614.50	18,479.66
5-21(a)	Extra for first floor	Cu.ft	74.03	523.29
		Cu.m	261.45	674.30
	Extra for every additional floor above first floor	Cu.ft	7.40	19.09
		Cu.m	196.09	505.72
		Cu.ft	5.55	14.32
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in underground tank, septic tank and underground drain including formwork and its removal, compacting and curing.		-	-
	Foundation and floor slab	Cu.m	2,614.50	15,588.46
		Cu.ft	74.03	441.42
5-22	Walls	Cu.m	2,614.50	17,461.98
		Cu.ft	74.03	494.47
	Top slab upto 6" (150 mm) thick	Cu.m	2,614.50	19,794.93
		Cu.ft	74.03	560.53
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in overhead water tanks and silos at a height of 10m (32.8') above ground level including formwork and its removal, compacting and curing.		-	-
	Column footing	Cu.m	2,614.50	15,517.70
		Cu.ft	74.03	439.41
	Columns and braces	Cu.m	5,005.50	31,759.08
		Cu.ft	141.74	899.32
5-23	Beams	Cu.m	5,005.50	32,677.08
		Cu.ft	141.74	925.31
	Walls	Cu.m	2,614.50	18,715.93
		Cu.ft	74.03	529.98
	Bottom slab	Cu.m	5,005.50	21,588.51
		Cu.ft	141.74	611.32
	Top slab	Cu.m	5,005.50	23,607.51
		Cu.ft	141.74	668.49
	Extra for every additional height of 3 ft. (1 m) or part thereof above Item 5-23 (a to f)	Cu.m	507.00	507.00
		Cu.ft	14.36	14.36

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
5-24	h) Deduction for every lesser height of 3 ft (1 m.) or part thereof above Item 5-23 (a to f)	Cu.m	456.00	456.00
		Cu.ft	12.91	12.91
	Extra on item 5-16 to 5-18 and 5-20 to 5-23 for cement concrete 1:1.5:3 instead of 1:2:4.	Cu.m	-	2,466.52
		Cu.ft	-	69.84
5-25	Extra on item 5-16 to 5-18 and 5-20 to 5-23 for cement concrete 1:1:2 instead of 1:2:4.	Cu.m	-	6,700.63
		Cu.ft	-	189.74
5-26	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified grade for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge.	-	-	-
		Cu.ft	-	-
a)	3000 Psi	Cu.m	4,277.04	22,018.69
		Cu.ft	121.11	623.50
b)	4000 Psi	Cu.m	4,277.04	24,118.16
		Cu.ft	121.11	682.95
c)	5000 Psi	Cu.m	4,277.04	29,422.16
		Cu.ft	121.11	833.14
d)	Additional for Shuttering and Scaffolding (including on a, b or c for Foundations, Bed Plates and Sills	-	-	1,420.20
e)	Additional for Shuttering and Scaffolding on a, b or c for wall and piers etc, upto 12" (300 mm) in thickness	-	-	3,389.76
f)	Additional for Shuttering and Scaffolding on a, b or c for wall and piers etc, 12" to 18" in thickness	-	-	2,711.81
g)	Additional for Shuttering and Scaffolding on a, b or c for wall and piers etc, 18" to 24" in thickness	-	-	1,937.01
h)	Additional for Shuttering and Scaffolding on a, b or c for wall and piers etc, upto 24" to 36" in thickness	-	-	1,694.88
i)	Additional for Shuttering and Scaffolding on a, b or c for pillars and columns of any shape	-	-	5,083.20
j)	Additional for Shuttering and Scaffolding on a, b or c for beams, lintels and cantilevers of required shape	-	-	4,622.40
k)	Extra for Additional for Shuttering and Scaffolding on	-	-	5,044.76
l)	Additional for Shuttering and Scaffolding on a, b or c for slabs from 6" upto 9" in thickness	-	-	3,722.80
m)	Additional for Shuttering and Scaffolding on a, b or c for slabs above 9" in thickness	-	-	1,504.67
n)	Extra for First Floor	-	-	10%
o)	Extra for Every Additional Floor after First Floor	-	-	7.50%
5-27(a)	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm) and down gauge in precast shelves coping, cornices, eave boards, hood, fencing posts and manhole covers etc. including formwork & its removal, compacting and curing in ground floor	Cu.m	2,614.50	18,302.50
		Cu.ft	74.03	518.27
b)	Extra for first floor	Cu.m	261.45	651.61
		Cu.ft	7.40	18.45
c)	Extra for every additional floor above first floor	Cu.m	196.09	459.34
		Cu.ft	5.55	13.01
5-28	Providing and fixing precast cement concrete jali or louvers upto 2" (50mm) thick in required shape including formwork and its removal, compacting and curing.	Cu.ft	5.55	13.01
a)	1 : 2	Sq.m	1,006.54	1,514.76

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
b)	1 : 3	Sq.ft	93.51	140.73
		Sq.m	1,006.54	1,382.40
c)	1 : 4	Sq.ft	93.51	128.43
		Sq.m	1,006.54	1,318.00
5-29	Providing and laying light weight concrete using 1 cement 6 cinder or similar material having weight not more than 650 kg/cubic meter including air-entraining agents, formwork, its removal, compacting and curing.	Sq.ft	93.51	122.45
		Cu.m	3,376.50	16,713.54
5-30	Extra for providing and using cement other than ordinary portland cement.	Cu.ft	95.61	473.27
			-	-
a)	Sulphate resisting cement	Ton	-	6,000.00
		Ton	-	3,600.00
b)	High alumina cement	Ton	-	3,600.00
		Ton	-	3,600.00
c)	Rapid hardening cement	Ton	-	3,600.00
		Ton	-	3,600.00
5-31-1	Providing and using any approved accelerating agent in cement concrete.	Kg.	-	817.44
5-32-1	Providing and using in concrete any approved 3rd Generation retarding agent.	Litre	-	1,461.24
5-33-1	Providing and using in concrete any approved wetting agent.	Kg.	-	413.16
5-34	Providing and using concrete additives and Chemical.		-	-
a)	Pudlo or similar	Kg.	-	194.04
		Kg.	-	464.64
b)	Pucca kam or similar	Kg.	-	464.64
		Kg.	-	464.64
5-35-1	Providing and applying two coats of hot bitumen (maxphalt 80/100 or equivalent) using 1.22 kg. per sq.metre for first coat and 1.0 kg. per Sq.m. for 2nd coat including cleaning the surface, heating and spraying the asphalt on concrete faces.	Sq.m	135.51	464.13
		Sq.ft	12.59	43.12
5-36	Forming expansion joints with cork sheet including one coat of bitumen and preparation of surface.			
a)	1/2" (12.5 mm) thick	Sq.m	241.50	1,495.35
		Sq.ft	22.44	138.92
b)	3/4" (19 mm) thick	Sq.m	241.50	1,875.75
		Sq.ft	22.44	174.26
c)	1" (25 mm) thick	Sq.m	241.50	2,751.75
		Sq.ft	22.44	255.65
d)	1-1/2" (37.5 mm) thick	Sq.m	241.50	3,730.95
		Sq.ft	22.44	346.62
e)	2" (50 mm) thick	Sq.m	241.50	3,999.75
		Sq.ft	22.44	371.59
f)	G.I. corrugated sheet of any gauge and thickness	Sq.m	241.50	712.74
		Sq.ft	22.44	66.22
5-37-1	Providing and laying joint sealing compound.	Litre	336.00	946.56
5-38	Providing and fixing P.V.C. ribbed waterstop in vertical or horizontal expansion joints including cutting or jointing.		-	-
a)	P.V.C. ribbed water stop 4.5" (114 mm) wide	R.M	160.72	634.72
		R.ft	49.00	193.51
b)	P.V.C. ribbed water stop 6" (150 mm) wide	R.M	160.72	541.12
		R.ft	49.00	164.98
c)	P.V.C. ribbed water stop 9" (225 mm) wide	R.M	160.72	244.72
		R.ft	49.00	74.61
5-39-1	Drilling and grouting holes upto 3" (75 mm) dia in existing concrete for reinforcement bars.	R.M	266.40	434.23
		R.ft	81.22	132.39
5-40-1	Grouting base plates, rails, anchor bolts foundation bolts and anchor frames of guide rails etc.	Sq.m	861.00	1,637.18
		Sq.ft	79.99	152.10
5-41-1	Welding (electric) reinforcement with existing bars - joint length 2" to 3" (50mm to 75mm).	Each	22.08	195.36

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
5-42-1	Nicking hard cement concrete surface	Sq.m	88.67	88.67
		Sq.ft	8.24	8.24
5-43(a)	Providing, fabricating and laying mild steel Grade 36 (Plain bar) reinforcement for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or M.S. chairs for binding and holding the reinforcement in position is inclusive upto 15 ft (5m) height.	Ton	7,530.00	338,172.00
b)	Extra on item 5-43 (a) for overhead tanks at a height of 30 ft. (10m)	Ton	3,840.00	3,840.00
c)	Extra on item 5-43 (b) for every additional height of 3 ft. (1 m) or part thereof above 30 ft. (10 m) upto 50 ft. (15 m) height	Ton	2,688.00	2,688.00
d)	Extra on item 5-43(c) for every additional height of 3 ft. (1 m) or part thereof above 50 ft.(15 m) height	Ton	1,344.00	1,344.00
e)	Deduct for every lesser height of 3 ft. (1 m) or part thereof below 30 ft. (10 m) height on item No.5-43(b)	Ton	2,688.00	2,688.00
f)	Extra for first floor on Item No.5-43(a)	Ton	3,360.00	3,360.00
g)	Extra for every additional floor above first floor on item No.5-43(f)	Ton	2,016.00	2,016.00
5-44(a)	Providing, fabricating and laying deformed Grade 40 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height	Ton	7,530.00	339,610.43
b)	Extra on item 5-44 (a) for overhead tanks at a height of 30 ft. (10m)	Ton	3,840.00	3,840.00
c)	Extra on item 5-44 (b) for every additional height of 3 ft. (1 m) or part thereof above 30 ft. (10 m) upto 50 ft. (15 m) height	Ton	2,688.00	2,688.00
d)	Extra on item 5-44(c) for every additional height of 3 ft. (1 m) or part thereof above 50 ft.(15 m) height	Ton	1,344.00	1,344.00
e)	Deduct for every lesser height of 3 ft. (1 m) or part thereof below 30 ft. (10m) height on item No.5-44(b)	Ton	2,688.00	2,688.00
f)	Extra for first floor on Item No.5-44(a)	Ton	3,360.00	3,360.00
g)	Extra for every additional floor above first floor on item No.5-44(f)	Ton	2,016.00	2,016.00
5-45	Providing and laying concrete using foaming agent similar and of equal quality to foamolight. The proportions, mixing, placing and curing shall be in accordance with the manufacturer's recommendations.		-	-
a)	Dry density 320-400 kg/Cum. with cement & 2.90 pint foamolight and compressive strength 0.45N/mm2.	Cu.m	3,487.50	15,075.01
		Cu.ft	98.75	426.88
b)			-	-
i)	Dry density 480-560 kg/Cum. with 1 cement : 1 sand, 3.10 pint. foamolight and compressive strength 0.75N/mm2	Cu.m	3,487.50	16,431.86
		Cu.ft	98.75	465.30
ii)	Dry density 640-720 kg/Cum. with 1 cement : 1 sand, 3.75 pint. foamolight and compressive strength 1.25N/mm2	Cu.m	3,487.50	20,074.29
		Cu.ft	98.75	568.44
iii)	Dry density 800-880 kg/Cum. with 1 cement : 1 sand, 4.20 pint. foamolight and compressive strength 2.75N/mm2	Cu.m	3,487.50	23,675.31
		Cu.ft	98.75	670.41
c)	Dry density 480-560 kg/Cum. with 1 cement : 2 sand, 3.10 pint. foamolight and compressive strength 0.50N/mm2		-	-
i)	Dry density 480-560 kg/Cum. with 1 cement : 2 sand, 3.10 pint. foamolight and compressive strength 0.50N/mm2	Cu.m	3,487.50	15,372.20
		Cu.ft	98.75	435.29
ii)	Dry density 640-720 kg/Cum. with 1 cement : 2 sand, 3.75 pint. foamolight and compressive strength 0.60N/mm2	Cu.m	3,487.50	18,697.95
		Cu.ft	98.75	529.47
iii)	Dry density 800-880 kg/Cum. with 1 cement : 2 sand, 4.20 pint. foamolight and compressive strength 0.60N/mm2	Cu.m	3,487.50	21,970.11

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
	iv) Dry density 960-1120 kg/Cum. with 1 cement : 2 sand, 4.40 pint. foamolight and compressive strength 1.55N/mm2	Cu.ft	98.75	622.12
		Cu.m	3,487.50	25,994.38
	v) Dry density 1200-1360 kg/Cum. with 1 cement : 2 sand, 4.80 pint. foamolight and compressive strength 3.30N/mm2	Cu.ft	98.75	736.08
		Cu.m	3,487.50	30,851.77
	d) Dry density 800-880 kg/Cum. with 1 cement : 3 sand, 4.20 pint. foamolight and compressive strength 0.55N/mm2	Cu.ft	98.75	873.62
		-	-	-
	i) Dry density 800-880 kg/Cum. with 1 cement : 3 sand, 4.20 pint. foamolight and compressive strength 0.55N/mm2	Cu.m	3,487.50	21,117.51
		Cu.ft	98.75	597.98
	ii) Dry density 960-1120 kg/Cum. with 1 cement : 3 sand, 4.40 pint. foamolight and compressive strength 1.40N/mm2	Cu.m	3,487.50	24,934.72
		Cu.ft	98.75	706.07
	iii) Dry density 1200-1360 kg/Cum. with 1 cement : 3 sand, 4.80 pint. Foamolight and compressive strength 2.50N/mm2	Cu.m	3,487.50	29,548.51
		Cu.ft	98.75	836.72
5-46	Providing and laying plum concrete using approved coarse sand and crushed aggregate 1-1/2"(38mm) & down gauge with 20% stones including levelling, compacting & curing.		-	-
	a) 1 : 2 : 4	Cu.m	4,050.42	13,869.24
		Cu.ft	114.70	392.73
	b) 1 : 3 : 6	Cu.m	4,050.42	12,091.87
		Cu.ft	114.70	342.40
	c) 1 : 4 : 8	Cu.m	4,050.42	10,784.47
5-47		Cu.ft	114.70	305.38
	Providing and laying plum concrete using approved coarse sand and crushed aggregate 1-1/2" (38 mm) & down gauge with 30% boulders including levelling, compacting and curing.		-	-
	a) 1 : 2 : 4	Cu.m	4,050.42	12,874.15
		Cu.ft	114.70	364.56
	b) 1 : 3 : 6	Cu.m	4,050.42	11,318.95
		Cu.ft	114.70	320.52
5-48		Cu.m	4,050.42	10,174.99
	c) 1 : 4 : 8	Cu.m	4,050.42	10,174.99
		Cu.ft	114.70	288.12
	Providing and laying plum concrete using approved coarse sand and crushed aggregate 1-1/2" (38 mm) & down gauge with 40% boulders including levelling, compacting and curing.		-	-
	a) 1 : 2 : 4	Cu.m	4,050.42	11,838.84
		Cu.ft	114.70	335.24
5-49		Cu.m	4,050.42	10,505.81
	b) 1 : 3 : 6	Cu.m	4,050.42	10,505.81
		Cu.ft	114.70	297.49
	c) 1 : 4 : 8	Cu.m	4,050.42	9,337.82
		Cu.ft	114.70	264.42
	Providing and laying 1:2:4 cement concrete using approved coarse sand and crushed aggregate 3/4" (19mm.) and down gauge in plinth band, door band and roof band of required shape or section including formwork and its removal, compacting and curing in basement and ground floor but excluding the cost of reinforcement.		-	-
	a) Plinth band	Cu.m	2,614.50	18,330.97
		Cu.ft	74.03	519.07
	b) Door band	Cu.m	3,006.68	18,723.15
		Cu.ft	85.14	530.18
	c) Roof band	Cu.m	3,006.68	19,260.27
		Cu.ft	85.14	545.39
	d) Extra for Item 5-49 b & c above for first floor	Cu.m	451.00	764.32
		Cu.ft	12.77	21.64

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
e)	Extra for Item 5-49 b & c for every additional floor above first floor	Cu.m	225.50	561.20
		Cu.ft	6.39	15.89
5-50	Providing and filling Asphalt bitumen mixed with sand at 90 lbs./cu.ft (1441.5kg/Cum) of sand in expansion joints of roof slab.	Cu.m	172.03	87,472.91
		Cu.ft	4.87	2,476.95
5-51	Providing and fixing 4.89 kg/sq.m. aluminium sheet covering of approved shape and design to expansion joints of roof slabs with slotted holes with wooden gutties and screws.	Sq.m	172.03	2,193.38
		Sq.ft	15.98	203.77
5-52	Providing and fixing 4.89 kg/sq.m. aluminium sheet covering of approved shape and design to expansion joints in walls and columns including providing clamps and fixing with screws and rawl plugs or wooden gutties including making slotted holes	Sq.m	260.99	3,008.09
		Sq.ft	24.25	279.46
5-53	Providing and fixing 4.89 kg/sq.m. crimped copper sheet covering strips in vertical joints including punching slotted holes and fixing with wooden gutties or rawl plugs and screws.	Sq.m	96.60	8,263.44
		Sq.ft	8.97	767.70
5-54	Providing Super Plasticizer Concrete Additives	Litre	-	617.76
5-55	Providing and fixing aluminium angle in corners with rawl plugs and aluminium screws.		90.12	295.45
5-56	Providing and fixing Elastomeric Bearing Pads (According to Size and Thickness)	Cu.cm	-	-
a)	Local		0.84	14.04
b)	Imported		0.84	26.04
5-57	Providing and laying Steel or Metal Bearing Devices	Kg.	180.00	927.60
5-58	Providing and Fixing Premoulded Joint Filler 12 Mm Thick With Bitumastic Joint Seal	Sq.m	388.50	3,448.50
		Sq.ft	36.09	320.38
5-59	Providing and Fixing Neoprene Rubber Joint Filler 12 Mm Thick With Bitumastic Joint Seal	Sq.m	304.50	1,744.50
		Sq.ft	28.29	162.07
5-60	Providing and Fixing Steel Expansion Joints (Local)	Kg	61.20	397.20
5-61	Providing and Fixing Expansion Joint With Two Extruded Aluminium Alloy Sections For 50mm Movement (USA/EU Make)	Kg	2,304.00	68,304.00
5-62	Providing and Fixing Expansion Joint With Cast Aluminium Alloy Triangular Teeth For 110mm Movement (USA/EU Make)	R.M	1,968.00	145,968.00
		R.ft	600.00	44,502.44
5-63	Providing and Fixing Expansion Joint With Cast Aluminium Alloy Cantilever Teeth For 300mm Movement (USA/EU Make)	R.M	2,784.00	482,784.00
		R.ft	848.78	147,190.24
5-64	Providing and Fixing Expansion Joint Monobloc Type For 65mm Movement (USA/EU Make)	R.M	1,152.00	63,672.00
		R.ft	351.22	19,412.20
5-65(a)	Providing, fabricating and laying deformed Grade 60 steel reinforcement (deformed bar) for all kinds of R.C.C work in foundation, plinth and ground floor including the cost of straightening, removal of rust, cutting, bending, binding, wastage and providing such over-laps as are not shown on the drawings. The cost of binding wire and cement concrete spacer blocks or chairs for binding and holding the reinforcement in position is inclusive upto 15 ft. (5m) height	Ton	7,554.00	354,350.42
b)	Extra on item 5-65 (a) for overhead tanks at a height of 30 ft. (10m)	Ton	3,840.00	3,840.00
c)	Extra on item 5-65 (b) for every additional height of 3 ft. (1 m) or part thereof above 30 ft. (10 m) upto 50 ft. (15 m) height	Ton	2,688.00	2,688.00
d)	Extra on item 5-65 (c) for every additional height of 3 ft. (1 m) or part thereof above 50 ft.(15 m) height	Ton	1,344.00	1,344.00
e)	Deduct for every lesser height of 3 ft. (1 m) or part thereof below 30 ft. (10m) height on item No.5-65(b)	Ton	2,688.00	2,688.00
f)	Extra for first floor on Item No.5-65(a)	Ton	3,360.00	3,360.00
g)	Extra for every additional floor above first floor on item No.5-65(f)	Ton	2,016.00	2,016.00

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
5-66(a)	Providing and Fixing 1.5" x 3/4 " Expansion Joint with one Component	R.M	315.00	2,327.40
	Polyurethane Fuel Resistant Sealant including 40 mm Baker rod and One coat of primer but without Aluminium or Steel cover.	R.ft	96.04	709.57
b)	Providing and Fixing 2.0" x 1 " Expansion Joint with one Component	R.M	315.00	3,755.40
	Polyurethane Fuel Resistant Sealant including 50 mm Baker rod and One coat of primer but without Aluminium or Steel cover.	R.ft	96.04	1,144.94

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SECTION - 6

PRESTRESSED CONCRETE

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
6-1-1	Providing and pre-stressing 1/2" (12.5 mm) dia. wire strand including cost of cable, Anchorage cone sets, corrugated steel sheath duct, PE grout vents, PE grout tube, PVC wrapping tape, steel binding wire, cement grout and grout additive as per specifications including all arrangements, supply of recorded data in triplicate as per direction of the Engineer in charge.	Ton	13,200.00	450,048.14
6-2-1	Launching and placing of Precast/ Pre-stressed Girder including all arrangements as per direction of the Engineer in charge	Ton	480.00	990.00
6-3-1	Supplying, fabricating and fixing formwork in prestressed concrete beams of all sections including removal of formwork (Wooden, Steel or Poly Vinyl)	Sqm	482.20	1,215.22
		Sq.ft	44.80	112.90
6-4	Providing and laying reinforced cement concrete using crushed aggregate 19mm and down gauge in the prestressed concrete work, compacting with vibrator and curing but excluding the cost of reinforcement and shuttering.		-	-
a) 1 : 1 : 2		Cum	4,092.00	22,928.30
		Cu.ft	115.87	649.26
b) 1 : 1.5 : 3		Cum	4,092.00	18,694.20
		Cu.ft	115.87	529.36
c) 1 : 2 : 4		Cum	4,092.00	16,227.67
		Cu.ft	115.87	459.52
6-5	Making good requisite anchorage recesses with cement concrete 1:1:2 using crushed aggregate of approved size including formwork and its removal and cutting.	Job	29.05	326.05
6-6	Stacking post tensioned precast beams and slabs upto lead of 500 ft (150 m) including loading and unloading		-	-
a) Upto 50 ft. (15.25 m) length		Cum	697.50	1,009.50
		Cu.ft	19.75	28.59
b) Above 50 ft. (15.25 m) length		Cum	883.50	1,195.50
		Cu.ft	25.02	33.85
6-7	Hoisting post tensioned precast beams and slabs by mechanical means upto lift of 18 ft (5.5 m) above ground level and placing in position		-	-
a) Upto 50 ft. (15.25 m) length		Cum	465.00	777.00
		Cu.ft	13.17	22.00
b) Extra for every 12 ft. (3.75m) additional lift or part thereof on item 6-7(a) above		Cum	372.00	489.00
		Cu.ft	10.53	13.85
c) Above 50 ft. (15.25 m) length		Cum	558.00	1,518.00
		Cu.ft	15.80	42.98
d) Extra for every 12 ft. (3.75m) additional lift or part thereof on item 6-7(c) above		Cum	465.00	853.80
		Cu.ft	13.17	24.18
6-8	Providing and laying in position ready mixed concrete for reinforced cement concrete work, using cement content as per approved design mix, manufactured in fully automatic batching plant and transported to site of work in transit mixer for all leads, having continuous agitated mixer, manufactured as per mix design of specified strength for reinforced cement concrete work including pumping of R.M.C. from transit mixer to site of laying , excluding the cost of centering, shuttering finishing and reinforcement including cost of admixtures in recommended proportions as per mix design to accelerate/ retard setting of concrete, improve workability without impairing strength and durability as per direction of the Engineer - in - charge.		-	-
a) 3000 Psi		Cum	4,277.04	22,018.69
		Cu.ft	121.11	623.50
b) 4000 Psi		Cum	4,277.04	24,118.16
		Cu.ft	121.11	682.95
c) 5000 Psi		Cum	4,277.04	29,422.16
		Cu.ft	121.11	833.14
6-9	load testing (initial) of piles including installation of loading platform and preparation of pile head or construction of test cap and dismantling of test cap after test etc. complete as per specification and/or as directed by Engineer-in-Charge		-	-

Sl	Description	Unit	Rate (Rs.)	
a)	up to 50 tonne capacity pile	Job	-	300,000.00
b)	50 to 100 tonne capacity pile	Job	-	384,000.00
c)	100 to 150 tonne capacity pile	Job	-	480,000.00
d)	150 to 200 tonne capacity pile	Job	-	540,000.00

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SECTION - 7

PILE FOUNDATION CONCRETE

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
7-1 a)	Providing and laying concrete for bored cast in situ piles by tremie pipe or skip bucket using Coarse sand and Crushed Aggregate 3/4" (19mm) & down gauge in dense homogeneous concrete nominal mix 1:1.33:2.66 having cube crushing strength of 34.5 N/mm ² at 28 days. The concrete in the piles is to be measured by multiplying the cross-sectional area of the pile by the length of pile as cast, from the head to the butt of the shoe. Reinforcement & boring of pile is to be measured for payment separately.	Cu.m	3,243.00	21,180.01
		Cu.ft	91.83	599.75
b)	Extra if 1 : 1 : 2 mix is used in item 7-1(a) above	Cu.m	-	4,051.57
		Cu.ft	-	114.73
c)	Deduct if 1 : 2 : 4 mix is used in item 7-1(a) above	Cu.m	-	3,615.53
		Cu.ft	-	102.38
7-2-1	Cutting of top of RCC piles of any size including chiseling, dismantling, straightening the steel and disposal	Cu.m	3,024.00	3,149.86
		Cu.ft	85.63	89.19
7-3-1	Providing and laying for cast in situ RCC piles Deformed G-40 steel reinforcement bars with and including the cost of straightening, removing rust, cutting, bending, binding, welding, wastage, overlaps as are not shown on the drawings. The cost of binding wire and holding the reinforcement in position is inclusive.	ton	12,024.00	414,467.56
7-4-1	Providing and laying for cast in situ RCC piles intergraded deformed reinforcement G-60 with and including the cost of straightening, removing rust, cutting, bending, binding, welding, wastage, overlaps as are not shown on the drawings. The cost of binding wire and holding the reinforcement in position is inclusive.	ton	12,024.00	400,562.42
7-5-1	Providing and laying for pile caps, grade beams and precast piles mild reinforcement bars (G-40) with and including the cost of straightening, removing rust, cutting, bending, binding, welding, wastage, overlaps as are not shown on the drawings. The cost of binding wire and precast 1:2:4 cement concrete or M.S. chairs for binding and holding the reinforcement in position is inclusive.	ton	7,530.00	338,172.00
7-6-1	Providing and laying for pile caps, grade beams, and precast pile integrated deformed bars (G-60) with and including the cost of straightening, removing rust, cutting, bending, binding, wastage, overlaps as are not shown on the drawings. The cost of binding wire and precast 1:2:4 cement concrete or M.S. chairs for binding and holding the reinforcement in position is inclusive.	ton	7,530.00	121,630.80
7-7	Providing and laying cement concrete using Coarse Sand & Crushed Aggregate 3/4" (19 mm) and down gauge in pile caps, tee beams, and grade beams in dense homogeneous concrete mix including formwork and its removal, compacting, curing, and bailing out or pumping out sub-soil water during concreting, but excluding the cost of reinforcement.		-	-
a)	1 : 1 : 2	Cu.m	2,614.50	26,078.98
		Cu.ft	74.03	738.47
b)	1 : 1.5 : 3	Cu.m	2,614.50	22,057.68
		Cu.ft	74.03	624.60
c)	1 : 2 : 4	Cu.m	2,614.50	19,674.54
		Cu.ft	74.03	557.12
7-8	Boring for piling in any kind of soil including extraction of casing pipe and or using bentonite as applicable in all kinds of soil except shingle, gravel or rock.		-	-
a)	From ground level upto 250 ft (76 m) below ground level		-	-

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
7-9	i 15" to 18" (375 mm to 450 mm) i/d	R.M	-	8,204.50
		R.ft	-	2,501.37
	ii 20" to 30" (500 mm to 750 mm) i/d	R.M	-	9,024.95
		R.ft	-	2,751.51
	iii 32" to 40" (800 to 1000 mm) i/d	R.M	-	12,306.75
		R.ft	-	3,752.06
	iv 46" to 60" (1200 to 1500 mm) i/d	R.M	-	13,127.21
		R.ft	-	4,002.20
	b) Exceeding 250 ft (76 m) below ground level		-	-
	i 15" to 18" (375 mm to 450 mm) i/d	R.M	-	10,665.85
		R.ft	-	3,251.78
	ii 20" to 30" (500 mm to 750 mm) i/d	R.M	-	11,732.44
		R.ft	-	3,576.96
	iii 32" to 40" (800 to 1000 mm) i/d	R.M	-	15,998.78
		R.ft	-	4,877.68
	iv 46" to 60" (1200 to 1500 mm) i/d	R.M	-	17,598.66
		R.ft	-	5,365.44
	Boring by percussion, direct rotary or reverse rotary method for piling in any kind of soil including extraction of casing pipe and or using bentonite as applicable in shingle, gravel or rock.		-	-
	a) From ground level upto 250 ft (76 m) below ground level		-	-
	i 15" to 18" (375 mm to 450 mm) i/d	R.M	-	2,605.20
		R.ft	-	794.27
	ii 20" to 30" (500 mm to 750 mm) i/d	R.M	-	16,755.00
		R.ft	-	5,108.23
	iii 32" to 40" (800 to 1000 mm) i/d	R.M	-	22,847.73
		R.ft	-	6,965.77
	iv 46" to 60" (1200 to 1500 mm) i/d	R.M	-	25,132.50
		R.ft	-	7,662.35
7-10-1	b) Exceeding 250 ft (76 m) below ground level		-	-
	i 15" to 18" (375 mm to 450 mm) i/d	R.M	-	19,801.36
		R.ft	-	6,037.00
	ii 20" to 30" (500 mm to 750 mm) i/d	R.M	-	21,781.50
		R.ft	-	6,640.70
	iii 32" to 40" (800 to 1000 mm) i/d	R.M	-	22,847.73
		R.ft	-	6,965.77
	iv 46" to 60" (1200 to 1500 mm) i/d	R.M	-	29,702.05
		R.ft	-	9,055.50
	c) Extra of Steel Casing of Shaft	Ton	-	-
	Sub-soil boring of required dia in all kinds of soil except rock to required depth complete 4-8 inch inner dia.	R.M	510.00	1,710.00
		R.ft	155.49	521.34
7-11-1	Sub-soil boring of required dia in rock of all sorts to required depth complete.	R.M	1,428.00	2,628.00
		R.ft	435.37	801.22

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SECTION - 8

DAMP PROOP COUSE AND WATER PROOFING

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
8-1	Providing and laying 1" (25mm) thick damp proof course with 1:2:4 cement concrete using Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal cost of water proofing agent will be paid separately.	Sq.m	81.41	379.96
		Sq.ft	7.56	35.30
8-2	Providing and laying with 1:2:4 cement concrete using Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal cost of water proofing agent will be paid separately. a) with 1-1/2" (37.5 mm) thick damp proof course.	Sq.m	-	-
		Sq.ft	122.12	569.94
8-3	Providing and laying with 1:2:4 cement concrete using Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge mixed with any approved water proofing agent including compacting, curing, formwork and its removal cost of water proofing agent will be paid separately. a) with 2" (50 mm) thick damp proof course.	Sq.m	11.35	52.95
		Sq.ft	-	-
8-4	Providing and laying 1" (25.4 mm) thick damp proof course with 1:2:4 cement concrete Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge including applying a coat of hot bitumen 80/100 or equivalent using 1.71 Kg per sq.m. and laying single layer of polythene sheet 0.13 mm thick (500 gauge) on damp proof course, including cleaning surface and spraying.	Sq.m	162.83	759.92
		Sq.ft	15.13	70.60
8-5	Providing and laying with 1:2:4 cement concrete Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge including applying a coat of hot bitumen 80/100 or equivalent using 1.71 Kg per sq.m. and laying single layer of polythene sheet 0.13 mm thick (500 gauge) on damp proof course, including cleaning surface and spraying. a) with 1-1/2" (37.5 mm) thick damp proof course.	Sq.m	136.28	992.40
		Sq.ft	12.66	92.20
8-6	Providing and laying with 1:2:4 cement concrete Coarse Sand and crushed aggregate 1/2" (13mm) and down gauge including applying a coat of hot bitumen 80/100 or equivalent using 1.71 Kg per sq.m. and laying single layer of polythene sheet 0.13 mm thick (500 gauge) on damp proof course, including cleaning surface and spraying. a) with 2" (50 mm) thick damp proof course.	Sq.m	-	-
		Sq.ft	204.42	1,485.23
8-7	Providing and laying damp proof course of bitumen (hot application) at the rate of 1.25 Kg. of bitumen per Sq.m. on the smooth finished plinth surface made of 1/2" (13mm) thick cement plaster 1:4 covered with a coat of hot bitumen at the rate of 1 Kg. per Sq.m. of surface area including blinding the top surface with coarse sand using 0.012 Cu.m. per Sq.m.	Sq.m	18.99	137.98
		Sq.ft	-	-
8-8	Providing damp proof course on vertical surface with 3/4" (19 mm) thick cement plaster 1:3 mixed with any approved water proofing agent including curing and providing a layer of polythene sheet 0.13mm thick (500 gauge), but excluding the cost of water proofing agent.	Sq.m	272.57	1,984.81
		Sq.ft	25.32	184.39
8-9	Providing a coat of bitumen emulsion at 0.50 kg per sq.m. on walls and floors in ground floor.	Sq.m	433.28	1,008.53
		Sq.ft	40.25	93.70
a)	Extra per one storey height if the building is more than one storey height.	Sq.m	277.43	796.16
		Sq.ft	25.77	73.97
b)		Sq.m	241.50	421.50
		Sq.ft	22.44	39.16
		Sq.m	42.00	42.00

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
8-10 a)	Providing and laying on ground floor roof plastic bitumen No.3 at the rate of 1.45 kg with 0.176 cu.ft.(0.005 cu.m) of coarse sand in first coat and 1.25 kg. with 0.176 cu.ft (0.005 cu.m). of coarse sand in second coat over a coat of light diesel oil priming at 0.75 kg per sq.m. including light ramming.	Sq.ft	3.90	3.90
		Sq.m	133.65	688.93
		Sq.ft	12.42	64.00
	b) Extra per storey height if the building is more than one storey height	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
8-11 a)	Providing and laying on ground floor roof ruberoid 3 ply reelia roofing including asphalt felt No.7 as underlay each treated with ruberoid compound including providing, flashing and finished with washed gravel.	Sq.m	127.83	1,151.30
		Sq.ft	11.88	106.96
	b) Extra per one storey height if the building is more than one storey height.	Sq.m	38.64	38.64
		Sq.ft	3.59	3.59
8-12 a)	Providing and laying heated asphalt on ground floor roof at the rate of 1.95 kg per sq.m. finished with washed gravel 3/8" (9.5 mm) and down gauge at 0.0295 cu.ft./sq.ft. (0.009 cu.m./sq.m) including ramming and rounding of corners with cement mortar.	Sq.m	344.75	762.56
		Sq.ft	32.03	70.84
	b) Extra per one storey height if the building is more than one storey height.	Sq.m	38.64	38.64
		Sq.ft	3.59	3.59
8-13 a)	Providing and laying heated asphalt on ground floor roof at the rate of 0.90 kg. per sq.m. finished with washed gravel 3/8" (9.5 mm) and down gauge at 0.0295 cu.ft./sq.ft. (0.009 cu.m./sq.m) including ramming and rounding of corners with cement mortar.		-	-
	a) heated asphalt at the rate of 0.90 kg. per sq.m.	Sq.m	279.60	474.84
		Sq.ft	25.98	44.11
	b) Extra per one storey height if the building is more than one storey height.	Sq.m	38.64	38.64
		Sq.ft	3.59	3.59
8-14 a)	Providing and laying on ground floor roofing felt 2 ply over a tack coat of bitumen at 1.45 kg per sq.m. and sealed with bitumen compound at the rate of 1.45 kg per sq.m. and blended with washed gravel 9.5mm and down gauge at the rate of 0.009 cu.m. per sq.m. including ramming.	Sq.m	346.80	1,051.82
		Sq.ft	32.22	97.72
	b) Extra per one storey height if the building is more than one storey height.	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
8-15 a)	Providing and laying water proof matting 3.2 mm thick on external faces of walls below ground level, under raft, basement floor, under floors, plinth and on ground floor roof top with adhesive No.70 at the rate of 0.48 Kg per Sq.m. diluted with 13% of solvent like kerosine oil including the cost of overlaps, cleaning & scraping the surface by wire brushes before applying the adhesive and laying jutoid	Sq.m	168.00	718.08
		Sq.ft	15.61	66.71
	b) Extra for every additional layer of jutoid water proof matting.	Sq.m	84.00	305.64
		Sq.ft	7.80	28.39
	c) Extra per one storey height if the building is more than one storey height.	Sq.m	58.80	58.80
8-16 a)		Sq.ft	5.46	5.46
	Providing and laying water proof matting 1.6 mm to 2.1 mm thick on top of flat or sloping roofs of ground floor with adhesive No. 70 at the rate of 0.48 Kg/Sq.m. diluted with 13% of solvent like kerosine oil including the cost of overlaps, cleaning and scraping the surface with wire brushes before applying the adhesive and laying jutoid.	Sq.m	168.00	702.24

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
8-17	b) Extra for every additional layer of jutoid water proof matting.	Sq.ft	15.61	65.24
		Sq.m	84.00	289.80
	c) Extra per one storey height if the building is more than one storey height.	Sq.ft	7.80	26.92
		Sq.m	58.80	58.80
	Providing and laying water proof matting 1.6 mm to 2.1 mm thick over corrugated roof (ground floor roof) with adhesive No.70 at the rate of 1.0 kg. per sq.m. diluted with 13% of solvent like kerosine oil including the cost of overlaps cleaning and scraping the surface with wire brushes before aplying the adhesive and laying jutoid.	Sq.ft	5.46	5.46
		Sq.m	168.00	506.35
	b) Extra for every additional layer of jutoid water proof matting.	Sq.ft	15.61	47.04
		Sq.m	84.00	327.36
	c) Extra per one storey height if the building is more than one storey height.	Sq.ft	7.80	30.41
		Sq.m	58.80	58.80
8-18	Providing and laying 1:2:4 cement concrete using Coarse Sand and crushed aggregate 3/4" (19mm) and down gauge in terraces 3" (75 mm) average thickness to required slope in panels including formwork, consolidation, finishing, curing, painting the surface with plastic bitumen No.4 at the rate of 0.73 Kg per Sq.m. blinded with sand at the rate of 0.006 Cu.m. per Sq.m. on ground floor roof	Sq.ft	5.46	5.46
		Sq.m	352.08	1,831.80
	b) Extra per one storey height if the building is more than one storey height.	Sq.ft	32.71	170.18
		Sq.m	202.80	202.80
	Providing and laying polythene sheet 0.13 mm thick under floors for water proofing laid as per instructions of the Engineer in ground floor.	Sq.ft	18.84	18.84
		-	-	-
	a) Single layer	Sq.m	43.68	261.48
		Sq.ft	4.06	24.29
	b) Double layer	Sq.m	87.36	522.96
		Sq.ft	8.12	48.58
8-20	Providing and laying polythene sheet 0.13 mm thick on roof for water proofing laid as per instructions of the Engineer in ground floor.	-	-	-
		Sq.m	43.68	261.48
	a) Single layer	Sq.ft	4.06	24.29
		Sq.m	87.36	522.96
	b) Double layer	Sq.m	87.36	522.96
		Sq.ft	8.12	48.58

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 9

**CEMENT
CONCRETE
BLOCK
MASONRY**

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
9-1	Providing and laying 1:4:8 cement concrete block masonry using Coarse Sand and Approved crushed aggregate 3/4" (19mm) & down gauge in foundation, basement and plinth including scaffolding, raking out joints and curing.			
	a) 4" (100 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 4	Cu.m	5,438.22	14,616.32
		Cu.ft	153.99	413.89
	ii) Cement sand mortar 1 : 5	Cu.m	5,438.22	14,390.60
		Cu.ft	153.99	407.50
	iii) Cement =Sand mortar 1 : 6	Cu.m	5,438.22	14,277.80
		Cu.ft	153.99	404.30
	b) 6" (150 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 4	Cu.m	3,460.43	12,585.20
		Cu.ft	97.99	356.37
	ii) Cement sand mortar 1 : 5	Cu.m	3,460.43	12,393.03
		Cu.ft	97.99	350.93
	iii) Cement sand mortar 1 : 6	Cu.m	3,460.43	12,280.22
		Cu.ft	97.99	347.74
	c) 8" (200 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 4	Cu.m	3,862.45	13,024.79
		Cu.ft	109.37	368.82
	ii) Cement sand mortar 1 : 5	Cu.m	3,862.45	12,799.07
		Cu.ft	109.37	362.43
	iii) Cement sand mortar 1 : 6	Cu.m	3,862.45	12,686.27
		Cu.ft	109.37	359.23
	d) 12" (300 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 4	Cu.m	3,096.26	12,250.94
		Cu.ft	87.68	346.91
	ii) Cement sand mortar 1 : 5	Cu.m	3,096.26	12,025.23
		Cu.ft	87.68	340.52
	iii) Cement sand mortar 1 : 6	Cu.m	3,096.26	11,912.42
		Cu.ft	87.68	337.32
9-2	Same as in item 9-1 but in 1:3:6 cement concrete block masonry.			
	a) 4" (100 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 3	Cu.m	5,438.22	16,758.55
		Cu.ft	153.99	474.55
	ii) Cement sand mortar 1 : 4	Cu.m	5,438.22	16,356.89
		Cu.ft	153.99	463.18
	iii) Cement sand mortar 1 : 5	Cu.m	5,438.22	16,222.55
		Cu.ft	153.99	459.37
	iv) Cement sand mortar 1 : 6	Cu.m	5,438.22	16,081.49
		Cu.ft	153.99	455.38
	b) 6" (150 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 3	Cu.m	3,460.43	14,760.97
		Cu.ft	97.99	417.98
	ii) Cement sand mortar 1 : 4	Cu.m	3,460.43	14,359.32
		Cu.ft	97.99	406.61
	iii) Cement sand mortar 1 : 5	Cu.m	3,460.43	14,224.97
		Cu.ft	97.99	402.81
	iv) Cement sand mortar 1 : 6	Cu.m	3,460.43	14,083.92
		Cu.ft	97.99	398.81
	c) 8" (200 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 3	Cu.m	3,862.45	15,167.02
		Cu.ft	109.37	429.48

Sl	Description	Unit	Labour	Composite
	ii) Cement sand mortar 1 : 4	Cu.m	3,862.45	14,765.36
		Cu.ft	109.37	418.11
	iii) Cement sand mortar 1 : 5	Cu.m	3,862.45	14,631.02
		Cu.ft	109.37	414.30
	iv) Cement sand mortar 1 : 6	Cu.m	3,862.45	14,489.96
		Cu.ft	109.37	410.31
	d) 12" (300 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 3	Cu.m	3,096.26	14,393.17
		Cu.ft	87.68	407.57
	ii) Cement sand mortar 1 : 4	Cu.m	3,096.26	13,991.51
		Cu.ft	87.68	396.20
	iii) Cement sand mortar 1 : 5	Cu.m	3,096.26	13,857.17
		Cu.ft	87.68	392.39
	iv) Cement sand mortar 1 : 6	Cu.m	3,096.26	13,716.12
		Cu.ft	87.68	388.40
9-3	Same as in item 9-1 but in 1:2:4 cement concrete block masonry.			
	a) 4" (100 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 2	Cu.m	5,438.22	18,982.77
		Cu.ft	153.99	537.53
	ii) Cement sand mortar 1 : 3	Cu.m	5,438.22	18,336.01
		Cu.ft	153.99	519.22
	iii) Cement sand mortar 1 : 4	Cu.m	5,438.22	17,997.48
		Cu.ft	153.99	509.63
	iv) Cement sand mortar 1 : 5	Cu.m	5,438.22	17,800.01
		Cu.ft	153.99	504.04
	v) Cement sand mortar 1 : 6	Cu.m	5,438.22	17,658.96
		Cu.ft	153.99	500.05
	b) 6" (150 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 2	Cu.m	3,460.43	16,985.19
		Cu.ft	97.99	480.97
	ii) Cement sand mortar 1 : 3	Cu.m	3,460.43	16,338.44
		Cu.ft	97.99	462.65
	iii) Cement sand mortar 1 : 4	Cu.m	3,460.43	15,999.91
		Cu.ft	97.99	453.07
	iv) Cement sand mortar 1 : 5	Cu.m	3,460.43	15,802.44
		Cu.ft	97.99	447.47
	v) Cement sand mortar 1 : 6	Cu.m	3,460.43	15,661.38
		Cu.ft	97.99	443.48
	c) 8" (200 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 2	Cu.m	3,862.45	17,391.24
		Cu.ft	109.37	492.46
	ii) Cement sand mortar 1 : 3	Cu.m	3,862.45	16,744.48
		Cu.ft	109.37	474.15
	iii) Cement sand mortar 1 : 4	Cu.m	3,862.45	16,405.95
		Cu.ft	109.37	464.56
	iv) Cement sand mortar 1 : 5	Cu.m	3,862.45	16,208.48
		Cu.ft	109.37	458.97
	v) Cement sand mortar 1 : 6	Cu.m	3,862.45	16,067.43
		Cu.ft	109.37	454.98
	d) 12" (300 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 2	Cu.m	3,096.26	16,617.39
		Cu.ft	87.68	470.55
	ii) Cement sand mortar 1 : 3	Cu.m	3,096.26	15,970.63
		Cu.ft	87.68	452.24

Sl. No.	Description	Unit	Rate	
			Labour	Composite
iii)	Cement sand mortar 1 : 4	Cu.m	3,096.26	15,632.11
		Cu.ft	87.68	442.65
iv)	Cement sand mortar 1 : 5	Cu.m	3,096.26	15,434.63
		Cu.ft	87.68	437.06
v)	Cement sand mortar 1 : 6	Cu.m	3,096.26	15,293.58
		Cu.ft	87.68	433.07
9-4-1	Extra for every 6.5 ft (2 m.) or part thereof in foundation and basement masonry deeper than 6.5 ft (2 m.)	Cu.m	286.80	286.80
		Cu.ft	8.12	8.12
9-5-1	Extra for every 5 ft (1.5 m) or part thereof in foundation and basement masonry deeper than 5 ft (1.5 m).	Cu.m	379.50	379.50
		Cu.ft	10.75	10.75
9-6	Providing and laying 1:4:8 cement concrete block masonry using Coarse Sand and Approved crushed aggregate 3/4" (19mm) and down gauge in ground floor super-structure including scaffolding, raking out joints and curing.		-	-
			-	-
	a) 4" (100 mm) thick solid block masonry		-	-
i)	Cement sand mortar 1 : 4	Cu.m	6,087.72	15,272.32
		Cu.ft	172.38	432.46
ii)	Cement sand mortar 1 : 5	Cu.m	6,087.72	15,046.60
		Cu.ft	172.38	426.07
iii)	Cement sand mortar 1 : 6	Cu.m	6,087.72	14,933.79
		Cu.ft	172.38	422.88
	b) 6" (150 mm) thick solid block masonry			
i)	Cement sand mortar 1 : 4	Cu.m	4,109.93	13,274.74
		Cu.ft	116.38	375.90
ii)	Cement sand mortar 1 : 5	Cu.m	4,109.93	13,049.02
		Cu.ft	116.38	369.51
iii)	Cement sand mortar 1 : 6	Cu.m	4,109.93	12,936.22
		Cu.ft	116.38	366.31
	c) 8" (200 mm) thick solid block masonry			
i)	Cement sand mortar 1 : 4	Cu.m	4,469.95	13,638.37
		Cu.ft	126.57	386.20
ii)	Cement sand mortar 1 : 5	Cu.m	4,469.95	13,412.65
		Cu.ft	126.57	379.80
iii)	Cement sand mortar 1 : 6	Cu.m	4,469.95	13,299.84
		Cu.ft	126.57	376.61
	d) 12" (300 mm) thick solid block masonry			
i)	Cement sand mortar 1 : 4	Cu.m	3,096.26	12,250.94
		Cu.ft	87.68	346.91
ii)	Cement sand mortar 1 : 5	Cu.m	3,096.26	12,025.23
		Cu.ft	87.68	340.52
iii)	Cement sand mortar 1 : 6	Cu.m	3,096.26	11,912.42
		Cu.ft	87.68	337.32
9-7	Same as item 9-6 but in 1:3:6 cement concrete block masonry.	Cu.m		
		Cu.ft	-	-
	a) 4" (100 mm) thick solid block masonry			
i)	Cement sand mortar 1 : 3	Cu.m	6,087.72	17,414.54
		Cu.ft	172.38	493.12
ii)	Cement sand mortar 1 : 4	Cu.m	6,087.72	17,012.89
		Cu.ft	172.38	481.75
iii)	Cement sand mortar 1 : 5	Cu.m	6,087.72	16,878.54
		Cu.ft	172.38	477.95
iv)	Cement sand mortar 1 : 6	Cu.m	6,087.72	16,737.49
		Cu.ft	172.38	473.95

Sl.	Description	Unit	Composite	
			Labour	Composite
9-8	b) 6" (150 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 3	Cu.m	4,109.93	15,416.97
		Cu.ft	116.38	436.56
	ii) Cement sand mortar 1 : 4	Cu.m	4,109.93	15,015.31
		Cu.ft	116.38	425.19
	iii) Cement sand mortar 1 : 5	Cu.m	4,109.93	14,880.97
		Cu.ft	116.38	421.38
	iv) Cement sand mortar 1 : 6	Cu.m	4,109.93	14,739.91
		Cu.ft	116.38	417.39
	c) 8" (200 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 3	Cu.m	4,469.95	15,780.59
		Cu.ft	126.57	446.86
	ii) Cement sand mortar 1 : 4	Cu.m	4,469.95	15,378.94
		Cu.ft	126.57	435.48
	iii) Cement sand mortar 1 : 5	Cu.m	4,469.95	15,244.59
		Cu.ft	126.57	431.68
	iv) Cement sand mortar 1 : 6	Cu.m	4,469.95	15,103.54
		Cu.ft	126.57	427.68
	d) 12" (300 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 3	Cu.m	3,096.26	14,393.17
		Cu.ft	87.68	407.57
	ii) Cement sand mortar 1 : 4	Cu.m	3,096.26	13,991.51
		Cu.ft	87.68	396.20
	iii) Cement sand mortar 1 : 5	Cu.m	3,096.26	13,857.17
		Cu.ft	87.68	392.39
	iv) Cement sand mortar 1 : 6	Cu.m	3,096.26	13,716.12
		Cu.ft	87.68	388.40
	Same as item 9-6 but in 1:2:4 cement concrete block masonry.			
	a) 4" (100 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 2	Cu.m	6,087.72	19,638.76
		Cu.ft	172.38	556.11
	ii) Cement sand mortar 1 : 3	Cu.m	6,087.72	18,992.01
		Cu.ft	172.38	537.79
	iii) Cement sand mortar 1 : 4	Cu.m	6,087.72	18,653.48
		Cu.ft	172.38	528.21
	iv) Cement sand mortar 1 : 5	Cu.m	6,087.72	18,456.01
		Cu.ft	172.38	522.62
	v) Cement sand mortar 1 : 6	Cu.m	6,087.72	18,314.95
		Cu.ft	172.38	518.62
	b) 6" (150 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 2	Cu.m	4,109.93	17,641.19
		Cu.ft	116.38	499.54
	ii) Cement sand mortar 1 : 3	Cu.m	4,109.93	16,994.43
		Cu.ft	116.38	481.23
	iii) Cement sand mortar 1 : 4	Cu.m	4,109.93	16,655.91
		Cu.ft	116.38	471.64
	iv) Cement sand mortar 1 : 5	Cu.m	4,109.93	16,458.43
		Cu.ft	116.38	466.05
	v) Cement sand mortar 1 : 6	Cu.m	4,109.93	16,317.38
		Cu.ft	116.38	462.06
	c) 8" (200 mm) thick solid block masonry			
	i) Cement sand mortar 1 : 2	Cu.m	4,469.95	18,004.81
		Cu.ft	126.57	509.84
	ii) Cement sand mortar 1 : 3	Cu.m	4,469.95	17,358.05

Sl. No.	Description	Unit	Labour	Composite
	iii) Cement sand mortar 1 : 4	Cu.ft	126.57	491.52
		Cu.m	4,469.95	17,019.53
	iv) Cement sand mortar 1 : 5	Cu.ft	126.57	481.94
		Cu.m	4,469.95	16,822.06
	v) Cement sand mortar 1 : 6	Cu.ft	126.57	476.35
		Cu.m	4,469.95	16,681.00
	d) 12" (300 mm) thick solid block masonry	Cu.ft	126.57	472.35
	i) Cement sand mortar 1 : 2	Cu.m	3,096.26	16,617.39
		Cu.ft	87.68	470.55
	ii) Cement sand mortar 1 : 3	Cu.m	3,096.26	15,970.63
		Cu.ft	87.68	452.24
	iii) Cement sand mortar 1 : 4	Cu.m	3,096.26	15,632.11
		Cu.ft	87.68	442.65
	iv) Cement sand mortar 1 : 5	Cu.m	3,096.26	15,434.63
		Cu.ft	87.68	437.06
	v) Cement sand mortar 1 : 6	Cu.m	3,096.26	15,293.58
		Cu.ft	87.68	433.07
9-9	Extra for masonry of any description in pillars and columns of any shape over the rate of respective item	Cu.m	-	11.54
		Cu.ft	-	0.33
9-10-1	Extra for masonry of any description in arches, architrave coping and cornice of any shape over the rate of the respective item	Cu.m	-	30.31
		Cu.ft	-	0.86
9-11-1	Extra for masonry of any description of bonding old and new masonry including making recesses in old masonry. The measurement will be made for the actual new masonry inserted in old masonry	Cu.m	5,040.00	5,040.00
		Cu.ft	142.72	142.72
9-12-1	Extra for work in first floor above ground floor.	Cu.m	955.80	955.80
		Cu.ft	27.07	27.07
9-13-1	Extra for work in every additional floor above first floor	Cu.m	787.80	787.80
		Cu.ft	22.31	22.31
9-14-1	Extra for work in arches in first floor above ground floor.	Cu.m	1,165.80	1,165.80
		Cu.ft	33.01	33.01
9-15-1	Extra for work in arches in every additional floor above first floor.	Cu.m	997.80	997.80
		Cu.ft	28.25	28.25
9-16	Extra for cement concrete solid block masonry of any description in any floor or other than building for every 5 ft (1.5m) height or part thereof beyond 15 ft (4.5m)		-	-
	a) For assembling, removal and clearance:	Cu.m	-	-
		Cu.ft	-	-
	b) For compensating progress of work, carrying material and curing	Cu.m	724.00	1,264.12
		Cu.ft	20.50	35.80

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 10

**CEMENT
CONCRETE
HOLLOW
BLOCK
MASONRY**

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
10-1	Providing and laying 1:3:6 cement concrete block masonry using Coarse Sand and Approved crushed aggregate 1/2" (13mm) & down gauge including scaffolding, raking out joints and curing in basement.			-
	a) 4" (100 mm) thick hollow block masonry			
	i) Cement sand mortar 1 : 3	Cu.m	6,797.78	13,711.44
		Cu.ft	192.49	388.26
	ii) Cement sand mortar 1 : 4	Cu.m	6,797.78	13,476.17
		Cu.ft	192.49	381.60
	iii) Cement sand mortar 1 : 5	Cu.m	6,797.78	13,338.53
		Cu.ft	192.49	377.70
	iv) Cement sand mortar 1 : 6	Cu.m	6,797.78	13,240.73
		Cu.ft	192.49	374.94
	b) 6" (150 mm) thick hollow block masonry		-	-
	i) Cement sand mortar 1 : 3	Cu.m	4,325.53	9,613.54
		Cu.ft	122.49	272.22
	ii) Cement sand mortar 1 : 4	Cu.m	4,325.53	9,412.42
		Cu.ft	122.49	266.53
	iii) Cement sand mortar 1 : 5	Cu.m	4,325.53	9,294.10
		Cu.ft	122.49	263.18
	iv) Cement sand mortar 1 : 6	Cu.m	4,325.53	9,210.10
		Cu.ft	122.49	260.80
	c) 8" (200 mm) thick hollow block masonry		-	-
	i) Cement sand mortar 1 : 3	Cu.m	4,828.06	11,199.77
		Cu.ft	136.72	317.14
	ii) Cement sand mortar 1 : 4	Cu.m	4,828.06	10,964.33
		Cu.ft	136.72	310.47
	iii) Cement sand mortar 1 : 5	Cu.m	4,828.06	10,826.69
		Cu.ft	136.72	306.58
	iv) Cement sand mortar 1 : 6	Cu.m	4,828.06	10,728.89
		Cu.ft	136.72	303.81
	d) 12" (300 mm) thick hollow block masonry		-	-
	i) Cement sand mortar 1 : 3	Cu.m	3,870.33	9,610.85
		Cu.ft	109.60	272.15
	ii) Cement sand mortar 1 : 4	Cu.m	3,870.33	9,309.17
		Cu.ft	109.60	263.61
	iii) Cement sand mortar 1 : 5	Cu.m	3,870.33	9,131.69
		Cu.ft	109.60	258.58
	iv) Cement sand mortar 1 : 6	Cu.m	3,870.33	9,006.29
		Cu.ft	109.60	255.03
10-2	Same as item 9-17 but in 1:2:4 concrete hollow block masonry.		-	-
	a) 4" (100 mm) thick hollow block masonry		-	-
	i) Cement sand mortar 1 : 2	Cu.m	6,797.78	15,092.33
		Cu.ft	192.49	427.37
	ii) Cement sand mortar 1 : 3	Cu.m	6,797.78	14,642.19
		Cu.ft	192.49	414.62
	iii) Cement sand mortar 1 : 4	Cu.m	6,797.78	14,406.75
		Cu.ft	192.49	407.95
	iv) Cement sand mortar 1 : 5	Cu.m	6,797.78	14,270.31
		Cu.ft	192.49	404.09

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
10-3	v) Cement sand mortar 1 : 6	Cu.m	6,797.78	14,172.51
		Cu.ft	192.49	401.32
	b) 6" (150 mm) thick hollow block masonry		-	-
	i) Cement sand mortar 1 : 2	Cu.m	4,325.53	10,698.03
		Cu.ft	122.49	302.93
	ii) Cement sand mortar 1 : 3	Cu.m	4,325.53	10,312.37
		Cu.ft	122.49	292.01
	iii) Cement sand mortar 1 : 4	Cu.m	4,325.53	10,111.25
		Cu.ft	122.49	286.32
	iv) Cement sand mortar 1 : 5	Cu.m	4,325.53	9,992.93
		Cu.ft	122.49	282.97
	v) Cement sand mortar 1 : 6	Cu.m	4,325.53	9,908.93
		Cu.ft	122.49	280.59
	c) 8" (200 mm) thick hollow block masonry		-	-
	i) Cement sand mortar 1 : 2	Cu.m	4,828.06	12,497.38
		Cu.ft	136.72	353.89
	ii) Cement sand mortar 1 : 3	Cu.m	4,828.06	12,047.24
		Cu.ft	136.72	341.14
	iii) Cement sand mortar 1 : 4	Cu.m	4,828.06	11,811.80
		Cu.ft	136.72	334.47
	iv) Cement sand mortar 1 : 5	Cu.m	4,828.06	11,675.36
		Cu.ft	136.72	330.61
	v) Cement sand mortar 1 : 6	Cu.m	4,828.06	11,577.56
		Cu.ft	136.72	327.84
	d) 12" (300 mm) thick hollow block masonry		-	-
	i) Cement sand mortar 1 : 2	Cu.m	3,870.33	10,887.57
		Cu.ft	109.60	308.30
	ii) Cement sand mortar 1 : 3	Cu.m	3,870.33	10,309.69
		Cu.ft	109.60	291.94
	iii) Cement sand mortar 1 : 4	Cu.m	3,870.33	10,006.81
		Cu.ft	109.60	283.36
	iv) Cement sand mortar 1 : 5	Cu.m	3,870.33	9,830.53
		Cu.ft	109.60	278.37
	v) Cement sand mortar 1 : 6	Cu.m	3,870.33	9,705.13
		Cu.ft	109.60	274.82
	Providing and laying 1:3:6 cement concrete hollow block masonry using Coarse Sand and Approved crushed aggregate 1/2" (12.7mm) thick and down gauge including scaffolding, raking out joints and curing in ground floor superstructure.		-	-
	a) 4" (100 mm) thick hollow block masonry		-	-
	i) Cement sand mortar 1 : 3	Cu.m	7,609.65	14,463.48
		Cu.ft	215.48	409.56
	ii) Cement sand mortar 1 : 4	Cu.m	7,609.65	14,229.24
		Cu.ft	215.48	402.93
	iii) Cement sand mortar 1 : 5	Cu.m	7,609.65	14,092.80
		Cu.ft	215.48	399.06
	iv) Cement sand mortar 1 : 6	Cu.m	7,609.65	13,995.00
		Cu.ft	215.48	396.29
	b) 6" (150 mm) thick hollow block masonry		-	-
	i) Cement sand mortar 1 : 3	Cu.m	5,137.41	10,387.01

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
		Cu.ft	145.48	294.13
ii)	Cement sand mortar 1 : 4	Cu.m	5,137.41	10,185.89
		Cu.ft	145.48	288.43
iii)	Cement sand mortar 1 : 5	Cu.m	5,137.41	10,068.77
		Cu.ft	145.48	285.12
iv)	Cement sand mortar 1 : 6	Cu.m	5,137.41	9,984.77
		Cu.ft	145.48	282.74
	c) 8" (200 mm) thick hollow block masonry		-	-
i)	Cement sand mortar 1 : 3	Cu.m	5,587.44	11,911.14
		Cu.ft	158.22	337.29
ii)	Cement sand mortar 1 : 4	Cu.m	5,587.44	11,676.90
		Cu.ft	158.22	330.65
iii)	Cement sand mortar 1 : 5	Cu.m	5,587.44	11,540.46
		Cu.ft	158.22	326.79
iv)	Cement sand mortar 1 : 6	Cu.m	5,587.44	11,442.66
		Cu.ft	158.22	324.02
	d) 12" (300 mm) thick hollow block masonry		-	-
i)	Cement sand mortar 1 : 3	Cu.m	3,870.33	9,564.05
		Cu.ft	109.60	270.82
ii)	Cement sand mortar 1 : 4	Cu.m	3,870.33	9,262.37
		Cu.ft	109.60	262.28
iii)	Cement sand mortar 1 : 5	Cu.m	3,870.33	9,087.29
		Cu.ft	109.60	257.32
iv)	Cement sand mortar 1 : 6	Cu.m	3,870.33	8,961.89
		Cu.ft	109.60	253.77
10-4	Same as item 9-19 but in 1:2:4 cement concrete hollow block masonry.		-	-
	a) 4" (100 mm) thick hollow block masonry		-	-
i)	Cement sand mortar 1 : 2	Cu.m	7,609.65	15,838.20
		Cu.ft	215.48	448.49
ii)	Cement sand mortar 1 : 3	Cu.m	7,609.65	15,390.47
		Cu.ft	215.48	435.81
iii)	Cement sand mortar 1 : 4	Cu.m	7,609.65	15,156.23
		Cu.ft	215.48	429.18
iv)	Cement sand mortar 1 : 5	Cu.m	7,609.65	15,019.79
		Cu.ft	215.48	425.31
v)	Cement sand mortar 1 : 6	Cu.m	7,609.65	14,921.99
		Cu.ft	215.48	422.54
	b) 6" (150 mm) thick hollow block masonry		-	-
i)	Cement sand mortar 1 : 2	Cu.m	5,137.41	11,465.51
		Cu.ft	145.48	324.67
ii)	Cement sand mortar 1 : 3	Cu.m	5,137.41	11,081.05
		Cu.ft	145.48	313.78
iii)	Cement sand mortar 1 : 4	Cu.m	5,137.41	10,881.13
		Cu.ft	145.48	308.12
iv)	Cement sand mortar 1 : 5	Cu.m	5,137.41	10,764.01
		Cu.ft	145.48	304.80
v)	Cement sand mortar 1 : 6	Cu.m	5,137.41	10,680.01
		Cu.ft	145.48	302.42
	c) 8" (200 mm) thick hollow block masonry		-	-
i)	Cement sand mortar 1 : 2	Cu.m	3,870.33	11,468.84

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
		Cu.ft	109.60	324.76
ii)	Cement sand mortar 1 : 3	Cu.m	3,870.33	11,021.11
		Cu.ft	109.60	312.08
iii)	Cement sand mortar 1 : 4	Cu.m	3,870.33	10,786.87
		Cu.ft	109.60	305.45
iv)	Cement sand mortar 1 : 5	Cu.m	3,870.33	10,650.43
		Cu.ft	109.60	301.59
v)	Cement sand mortar 1 : 6	Cu.m	3,870.33	10,552.63
		Cu.ft	109.60	298.82
d) 12" (300 mm) thick hollow block masonry		-	-	-
i)	Cement sand mortar 1 : 2	Cu.m	3,870.33	10,833.57
		Cu.ft	109.60	306.77
ii)	Cement sand mortar 1 : 3	Cu.m	3,870.33	10,259.29
		Cu.ft	109.60	290.51
iii)	Cement sand mortar 1 : 4	Cu.m	3,870.33	9,957.61
		Cu.ft	109.60	281.97
iv)	Cement sand mortar 1 : 5	Cu.m	3,870.33	9,782.53
		Cu.ft	109.60	277.01
v)	Cement sand mortar 1 : 6	Cu.m	3,870.33	9,657.13
		Cu.ft	109.60	273.46
10-5	Extra for hollow block masonry in first floor superstructure.	Cu.m	1,137.00	1,137.00
		Cu.ft	32.20	32.20
10-6	Extra for hollow block masonry in every additional floor above first floor.	Cu.m	927.00	927.00
		Cu.ft	26.25	26.25
10-7	Extra for cement concrete hollow block masonry of any description in any floor or other than building for every 5 ft (1.5m) height or part thereof bevond 15 ft (4.5m)	Cu.m	82.16	96.53
		Cu.ft	2.33	2.73

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 11

BRICK WORK

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
11-1	Providing and laying sundried clay bricks set in mud mortar including scaffolding in foundation and substructure			
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	4,368.00	13,321.24
		Cu.ft	123.69	377.22
	b) Above 4.5" (115mm) nominal thick brickwork	Cu.m	3,276.00	18,701.69
		Cu.ft	92.77	529.57
11-2	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) set in mud mortar including and raking out joints in foundation and substructure i/c cost of testing		-	-
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	3,474.00	13,701.27
		Cu.ft	98.37	387.98
	b) Above 4.5" (115mm) nominal thick brickwork	Cu.m	2,550.00	12,056.21
		Cu.ft	72.21	341.39
11-3	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in foundation and substructure/Basement i/c cost of testing		-	-
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	-	-
	i) Cement Sand 1 : 2	Cu.m	3,474.00	16,926.14
		Cu.ft	98.37	479.29
	ii) Cement sand 1 : 3	Cu.m	3,474.00	15,962.76
		Cu.ft	98.37	452.01
	iii) Cement sand 1 : 4	Cu.m	3,474.00	15,458.51
		Cu.ft	98.37	437.74
	iv) Cement sand 1 : 5	Cu.m	3,474.00	15,164.36
		Cu.ft	98.37	429.41
	v) Cement sand 1 : 6	Cu.m	3,474.00	14,954.26
		Cu.ft	98.37	423.46
	vi) Cement sand 1 : 7	Cu.m	3,474.00	14,828.20
		Cu.ft	98.37	419.89
	vii) Cement sand 1 : 8	Cu.m	3,474.00	14,702.13
		Cu.ft	98.37	416.32
	b) Above 4.5" thick brickwork upto any thickness	Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	2,550.00	16,737.18
		Cu.ft	72.21	473.94
	ii) Cement sand 1 : 3	Cu.m	2,550.00	15,389.43
		Cu.ft	72.21	435.78
	iii) Cement sand 1 : 4	Cu.m	2,550.00	14,649.86
		Cu.ft	72.21	414.84
	iv) Cement sand 1 : 5	Cu.m	2,550.00	14,218.44
		Cu.ft	72.21	402.62
	v) Cement sand 1 : 6	Cu.m	2,550.00	13,910.29
		Cu.ft	72.21	393.90
	vi) Cement sand 1 : 7	Cu.m	2,550.00	13,725.39
		Cu.ft	72.21	388.66
	vii) Cement sand 1 : 8	Cu.m	2,550.00	13,540.50
		Cu.ft	72.21	383.42
11-4	Extra for providing and laying first class burnt brick masonry (Brick Strength:1800psi-2000psi) for arches of any kind of wall including scaffolding, formwork and its removal, raking out joints and curing including basement and i/c cost of testing.	Cu.m	-	-

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	4,791.00	7,870.56
		Cu.ft	135.67	222.87
	b) Above 4.5" thick brickwork upto any thickness	Cu.m	3,619.20	7,520.33
		Cu.ft	102.48	212.95
11-5	Extra for providing and laying first class tile masonry for arches of any kind of walls including scaffolding, formwork and its removal, raking out joints and curing in foundations, basement and plinth.	Cu.m	-	-
	a) Upto 9" (230 mm) nominal thick tile masonry	Cu.m	3,708.48	12,658.13
		Cu.ft	105.01	358.44
	b) Above 9" (230 mm) nominal thick tile masonry	Cu.m	4,099.20	13,048.85
		Cu.ft	116.08	369.50
11-6-1	Extra for every additional 6 ft (2 m) or part thereof in foundation and basement masonry deeper than 6 ft (2 m)	Cu.m	496.80	496.80
		Cu.ft	14.07	14.07
11-7-1	Extra for every additional 5 ft (1.5 m) or part thereof in plinth higher than 5 ft (1.5m)	Cu.m	370.80	370.80
		Cu.ft	10.50	10.50
11-8-1	Extra for every additional 6 ft (2m) or part thereof for arch brick or tile masonry in foundation and basement masonry deeper than 6ft (2m)	Cu.m	496.80	511.70
		Cu.ft	14.07	14.49
11-9-1	Extra for every additional 5 ft (1.5m) or part thereof for arch brick or tile masonry in plinth higher than 5ft (1.5m)	Cu.m	370.80	381.92
		Cu.ft	10.50	10.81
11-10	Providing and laying sundried clay bricks set in mud mortar including scaffolding in ground floor superstructure	Cu.m	-	-
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	4,032.00	13,119.54
		Cu.ft	114.17	371.50
	b) Above 4.5" (115mm) nominal thick brickwork	Cu.m	3.23	10.52
		Cu.ft	0.09	0.30
11-11	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) set in mud mortar including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing	Cu.m	-	-
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	4,354.50	13,397.28
		Cu.ft	123.31	379.37
	b) Above 4.5" (115mm) nominal thick brickwork	Cu.m	3,430.50	19,318.97
		Cu.ft	97.14	547.05
11-12	Providing and laying first class solid burnt brick masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing	Cu.m	-	-
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	4,354.50	18,008.42
		Cu.ft	123.31	509.94
	ii) Cement sand 1 : 3	Cu.m	4,354.50	17,030.59
		Cu.ft	123.31	482.25
	iii) Cement sand 1 : 4	Cu.m	4,354.50	16,518.78
		Cu.ft	123.31	467.76

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
iv)	Cement sand 1 : 5	Cu.m	4,354.50	16,220.22
		Cu.ft	123.31	459.31
v)	Cement sand 1 : 6	Cu.m	4,354.50	16,006.96
		Cu.ft	123.31	453.27
vi)	Cement sand 1 : 7	Cu.m	4,354.50	15,879.01
		Cu.ft	123.31	449.64
vii)	Cement sand 1 : 8	Cu.m	4,354.50	15,751.05
		Cu.ft	123.31	446.02
b)	Above 4.5" (115mm) nominal thick brick work	Cu.m	-	-
i)	Cement sand 1 : 2	Cu.m	3,430.50	17,830.49
		Cu.ft	97.14	504.90
ii)	Cement sand 1 : 3	Cu.m	3,430.50	16,462.52
		Cu.ft	97.14	466.17
iii)	Cement sand 1 : 4	Cu.m	3,430.50	15,711.85
		Cu.ft	97.14	444.91
iv)	Cement sand 1 : 5	Cu.m	3,430.50	15,273.97
		Cu.ft	97.14	432.51
v)	Cement sand 1 : 6	Cu.m	3,430.50	14,961.19
		Cu.ft	97.14	423.65
vi)	Cement sand 1 : 7	Cu.m	3,430.50	14,773.52
		Cu.ft	97.14	418.34
vii)	Cement sand 1 : 8	Cu.m	3,430.50	14,585.86
		Cu.ft	97.14	413.03
11-13	Extra for providing and laying first class burnt brick masonry (Brick Strength:1800psi-2000psi) for arches of any kind of wall including scaffolding, formwork and its removal, raking out joints and curing in ground floor superstructures and i/c cost of testing.	Cu.m	-	-
a)	Upto 4.5" (115 mm) nominal thick brick work	Cu.m	214.50	4,268.50
		Cu.ft	6.07	120.87
b)	Above 4.5" (115mm) nominal thick brick work	Cu.m	676.50	4,730.50
		Cu.ft	19.16	133.95
11-14	Extra for providing and laying first class tile masonry for arches of any kind of walls including scaffolding, formwork and its removal, raking out joints and curing in ground floor superstructures.	Cu.m	-	-
a)	Upto 9" (230 mm) nominal thick tile masonry	Cu.m	8,068.50	17,018.15
		Cu.ft	228.47	481.90
b)	Above 9" (230 mm) nominal thick tile masonry	Cu.m	7,144.50	16,094.15
		Cu.ft	202.31	455.74
11-15	Extra for masonry in pillars and columns in foundation	Cu.m	-	-
a)	Rectangular or square shape	Cu.m	2,442.00	2,523.81
		Cu.ft	69.15	71.47
b)	Round shape	Cu.m	5,319.00	5,633.66
		Cu.ft	150.62	159.53
11-16	Extra for masonry in pillars and cloumns in ground floor superstructure	Cu.m	-	-
a)	Rectangular or square shape	Cu.m	1,561.50	1,643.31
		Cu.ft	44.22	46.53

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
11-17-1	b) Round shape Extra for masonry of any description in steps.	Cu.m	4,438.50	4,753.16
		Cu.ft	125.68	134.59
		Cu.m	2,083.50	2,083.50
		Cu.ft	59.00	59.00
11-18-1	Extra for masonry of any description for bonding old and new masonry including making recesses as required (New masonry inserted in old masonry to be measured)	Cu.m	317.63	397.03
		Cu.ft	8.99	11.24
11-19	Providing and laying first class burnt brick honey comb masonry (Brick Strength:1800psi-2000psi) including scaffolding, raking out joints where required and curing in ground floor superstructure (opening not to be deducted for the purpose of measurement) and i/c cost of testing	Cu.m	-	-
		Cu.m	-	-
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	-	-
		Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	2,790.00	13,172.55
		Cu.ft	79.00	373.00
	ii) Cement sand 1 : 3	Cu.m	2,790.00	12,496.28
		Cu.ft	79.00	353.85
	iii) Cement sand 1 : 4	Cu.m	2,790.00	12,142.30
		Cu.ft	79.00	343.83
	iv) Cement sand 1 : 5	Cu.m	2,790.00	11,935.82
		Cu.ft	79.00	337.98
	v) Cement sand 1 : 6	Cu.m	2,790.00	11,788.33
		Cu.ft	79.00	333.81
	vi) Cement sand 1 : 7	Cu.m	2,790.00	11,699.83
		Cu.ft	79.00	331.30
	vii) Cement sand 1 : 8	Cu.m	2,790.00	11,611.34
		Cu.ft	79.00	328.80
	b) Upto 13.5" (345 mm) nominal thick brick work	Cu.m	-	-
		Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	2,683.50	11,223.85
		Cu.ft	75.99	317.82
	ii) Cement sand 1 : 3	Cu.m	2,683.50	10,667.57
		Cu.ft	75.99	302.07
	iii) Cement sand 1 : 4	Cu.m	2,683.50	10,376.40
		Cu.ft	75.99	293.83
	iv) Cement sand 1 : 5	Cu.m	2,683.50	10,206.55
		Cu.ft	75.99	289.02
	v) Cement sand 1 : 6	Cu.m	2,683.50	10,085.23
		Cu.ft	75.99	285.58
	vi) Cement sand 1 : 7	Cu.m	2,683.50	10,012.44
		Cu.ft	75.99	283.52
	vii) Cement sand 1 : 8	Cu.m	2,683.50	9,939.65
		Cu.ft	75.99	281.46
11-20	Extra for providing and laying first class burnt brick masonry (Brick Strength:1800psi-2000psi) architrave of required shape of any kind of walls including cutting bricks to required shape, scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing	Cu.m	-	-
		Cu.m	-	-
	a) Upto 9" (230 mm) nominal thick brick work	Cu.m	7,843.50	8,498.46
		Cu.ft	222.10	240.65

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
11-21	b) Above 13.5" (345 mm) nominal thick brick work	Cu.m	6,919.50	7,574.46
		Cu.ft	195.94	214.48
	Extra for providing and laying first class burnt tile masonry architrave of required shape of any kind of walls including cutting tiles to required shape, scaffolding, raking out joints and curing in ground floor superstructure.	Cu.m	-	-
11-22	a) Upto 9" (230 mm) nominal thick tile masonry	Cu.m	9,691.50	15,242.11
		Cu.ft	274.43	431.61
	b) Above 9" (230 mm) nominal thick tile masonry	Cu.m	8,767.50	14,318.11
		Cu.ft	248.27	405.44
	Extra for providing and laying first class burnt brick masonry (Brick Strength:1800psi-2000psi) coping of required shape any kind of walls including cutting bricks to required shape, scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing.	Cu.m	-	-
11-23	a) Upto 9" (230 mm) nominal thick brick work	Cu.m	5,458.50	5,785.98
		Cu.ft	154.57	163.84
	b) Above 9" (230 mm) nominal thick brick masonry	Cu.m	4,534.50	4,861.98
		Cu.ft	128.40	137.68
	Extra for providing and laying first class burnt tile masonry coping of required shape any kind of walls including cutting tiles to required shape, scaffolding, raking out joints and curing in ground floor superstructure.	Cu.m	-	-
11-24	a) Upto 9" (230 mm) nominal thick tile masonry	Cu.m	8,230.50	13,665.78
		Cu.ft	233.06	386.97
	b) Above 9" (230 mm) nominal thick tile masonry	Cu.m	6,844.50	12,279.78
		Cu.ft	193.81	347.72
	Extra for providing and laying first class burnt brick masonry (Brick Strength:1800psi-2000psi) cornice, moulding, string course and drip course of required shape in any kind of walls including cutting of bricks to required shape, scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing	Cu.m	-	-
11-25	a) Upto 9" (230 mm) nominal thick brick work	Cu.m	3,841.50	3,841.50
		Cu.ft	108.78	108.78
	b) Above 9" (230 mm) nominal thick brick masonry	Cu.m	3,148.50	3,148.50
		Cu.ft	89.16	89.16
	Extra for providing and laying first class burnt tile masonry cornice, moulding, barges, string course and drip course of required shape in any kind of walls including cutting tiles to required shape, scaffolding, raking out joints and curing in ground floor superstructure	Cu.m	-	-
11-26	a) Upto 9" (230 mm) nominal thick tile masonry	Cu.m	8,230.50	13,040.82
		Cu.ft	233.06	369.27
	b) Above 9" (230 mm) nominal thick tile masonry	Cu.m	4,881.00	9,691.32
		Cu.ft	138.21	274.43
	a) Extra for brick masonry (Brick Strength:1800psi-2000psi) in first floor	Cu.m	1,134.30	1,168.33
		Cu.ft	32.12	33.08
11-27	b) Extra for brick or tile masonry in every additional floor over first floor.	Cu.m	767.40	790.42
		Cu.ft	21.73	22.38
	a) Extra for brick or tile masonry arches in first floor.	Cu.m	1,386.30	1,497.20

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
		Cu.ft	39.26	42.40
	b) Extra for brick or tile masonry arches in every additional floor over first floor.	Cu.m	1,019.40	1,100.95
		Cu.ft	28.87	31.18
11-28	a) Extra for honey comb masonry (Brick Strength:1800psi-2000psi) in first floor	Cu.m	882.30	908.77
		Cu.ft	24.98	25.73
	b) Extra for honey comb masonry in every additional floor over first floor.	Cu.m	767.40	790.42
		Cu.ft	21.73	22.38
11-29	Providing and laying first class brick masonry (Brick Strength:1800psi-2000psi) in steining of walls including scaffolding and curing upto 10 ft (3 m) depth and i/c cost of testing.	Cu.m	-	-
	a) Upto 13.5" (345 mm) nominal thick brick masonry	Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	4,449.00	18,683.25
		Cu.ft	125.98	529.05
	ii) Cement sand 1 : 3	Cu.m	4,449.00	17,469.36
		Cu.ft	125.98	494.68
	iii) Cement sand 1 : 4	Cu.m	4,449.00	16,833.99
		Cu.ft	125.98	476.69
	iv) Cement sand 1 : 5	Cu.m	4,449.00	16,463.35
		Cu.ft	125.98	466.19
	v) Cement sand 1 : 6	Cu.m	4,449.00	16,198.61
		Cu.ft	125.98	458.69
	vi) Cement sand 1 : 7	Cu.m	4,449.00	16,039.77
		Cu.ft	125.98	454.20
	vii) Cement sand 1 : 8	Cu.m	4,449.00	15,880.93
		Cu.ft	125.98	449.70
	b) Above 13.5" (345 mm) nominal thick brick masonry	Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	3,367.50	18,172.33
		Cu.ft	95.36	514.58
	ii) Cement sand 1 : 3	Cu.m	3,367.50	16,597.83
		Cu.ft	95.36	470.00
	iii) Cement sand 1 : 4	Cu.m	3,367.50	15,808.37
		Cu.ft	95.36	447.64
	iv) Cement sand 1 : 5	Cu.m	3,367.50	15,347.86
		Cu.ft	95.36	434.60
	v) Cement sand 1 : 6	Cu.m	3,367.50	15,018.91
		Cu.ft	95.36	425.29
	vi) Cement sand 1 : 7	Cu.m	3,367.50	14,821.55
		Cu.ft	95.36	419.70
	vii) Cement sand 1 : 8	Cu.m	3,367.50	14,624.19
		Cu.ft	95.36	414.11
	c) Extra for every additional 5 ft (1.5 m) depth or part thereof for brick masonry in steining of walls.	Cu.m	454.80	468.44
		Cu.ft	12.88	13.26

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
11-30	Providing and laying first class burnt brick masonry (Brick Strength:1800psi-2000psi) cavity walls bonded with wall ties of approved design at required horizontal and vertical spacings including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing but excluding the cost of wall ties (No deduction will be made from the measurement for cavity in the wall).	Cu.m	-	-
a)	2" to 3" (50 mm to 75 mm) nominal cavity and 4.5" (115 mm) wall width on either side.	Cu.m	-	-
i)	Cement sand 1 : 2	Cu.m	5,365.50	17,072.32
		Cu.ft	151.93	483.43
ii)	Cement sand 1 : 3	Cu.m	5,365.50	16,031.70
		Cu.ft	151.93	453.97
iii)	Cement sand 1 : 4	Cu.m	5,365.50	15,487.03
		Cu.ft	151.93	438.54
iv)	Cement sand 1 : 5	Cu.m	5,365.50	15,169.30
		Cu.ft	151.93	429.55
v)	Cement sand 1 : 6	Cu.m	5,365.50	14,942.35
		Cu.ft	151.93	423.12
vi)	Cement sand 1 : 7	Cu.m	5,365.50	14,806.18
		Cu.ft	151.93	419.26
vii)	Cement sand 1 : 8	Cu.m	5,365.50	14,670.01
		Cu.ft	151.93	415.41
b)	2" to 3" (50 mm to 75 mm) nominal cavity and 4.5" (115 mm) wall width on one side and 9" (230 mm) wall width on the other side.	Cu.m	-	-
i)	Cement sand 1 : 2	Cu.m	5,680.50	18,589.96
		Cu.ft	160.85	526.41
ii)	Cement sand 1 : 3	Cu.m	5,680.50	17,305.93
		Cu.ft	160.85	490.05
iii)	Cement sand 1 : 4	Cu.m	5,680.50	16,633.84
		Cu.ft	160.85	471.02
iv)	Cement sand 1 : 5	Cu.m	5,680.50	16,241.79
		Cu.ft	160.85	459.92
v)	Cement sand 1 : 6	Cu.m	5,680.50	15,961.75
		Cu.ft	160.85	451.99
vi)	Cement sand 1 : 7	Cu.m	5,680.50	15,793.73
		Cu.ft	160.85	447.23
vii)	Cement sand 1 : 8	Cu.m	5,680.50	15,625.71
		Cu.ft	160.85	442.47
c)	2" to 3" (50 mm to 75 mm) nominal cavity and 9" (230 mm) wall width on either side.	Cu.m	-	-
i)	Cement sand 1 : 2	Cu.m	5,061.00	19,534.50
		Cu.ft	143.31	553.15
ii)	Cement sand 1 : 3	Cu.m	5,061.00	17,684.55
		Cu.ft	143.31	500.77
iii)	Cement sand 1 : 4	Cu.m	5,061.00	16,716.25
		Cu.ft	143.31	473.35
iv)	Cement sand 1 : 5	Cu.m	5,061.00	16,151.41
		Cu.ft	143.31	457.36

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
11-31	v) Cement sand 1 : 6	Cu.m	5,061.00	15,747.95
		Cu.ft	143.31	445.93
	vi) Cement sand 1 : 7	Cu.m	5,061.00	15,505.88
		Cu.ft	143.31	439.08
	vii) Cement sand 1 : 8	Cu.m	5,061.00	15,263.80
		Cu.ft	143.31	432.22
	d) 2" to 3" (50 mm to 75 mm) nominal cavity and 4.5" (115 mm) wall width on one side and 13.5" (345 mm) wall width on the other side.	Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	5,523.00	19,076.47
		Cu.ft	156.39	540.19
	ii) Cement sand 1 : 3	Cu.m	5,523.00	17,662.67
		Cu.ft	156.39	500.15
	iii) Cement sand 1 : 4	Cu.m	5,523.00	16,922.66
		Cu.ft	156.39	479.20
	iv) Cement sand 1 : 5	Cu.m	5,523.00	16,490.98
		Cu.ft	156.39	466.97
	v) Cement sand 1 : 6	Cu.m	5,523.00	16,182.64
		Cu.ft	156.39	458.24
	vi) Cement sand 1 : 7	Cu.m	5,523.00	15,997.64
		Cu.ft	156.39	453.00
	vii) Cement sand 1 : 8	Cu.m	5,523.00	15,812.64
		Cu.ft	156.39	447.76
	e) Extra for brick masonry in cavity walls in first floor	Cu.m	1,298.70	1,337.66
		Cu.ft	36.78	37.88
	f) Extra for brick masonry in cavity walls in every additional floor above first floor	Cu.m	927.00	954.81
		Cu.ft	26.25	27.04
	Providing and laying first class hollow burnt brick masonry (Brick Strength:1800psi-2000psi) in walls including scaffolding, raking out joints and curing in ground floor superstructure and i/c cost of testing	Cu.m	-	-
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	4,501.35	18,008.85
		Cu.ft	127.46	509.95
	ii) Cement sand 1 : 3	Cu.m	4,501.35	17,361.71
		Cu.ft	127.46	491.63
	iii) Cement sand 1 : 4	Cu.m	4,501.35	16,962.21
		Cu.ft	127.46	480.32
	iv) Cement sand 1 : 5	Cu.m	4,501.35	16,765.58
		Cu.ft	127.46	474.75
	v) Cement sand 1 : 6	Cu.m	4,501.35	16,625.13
		Cu.ft	127.46	470.77
	vi) Cement sand 1 : 7	Cu.m	4,501.35	16,540.86
		Cu.ft	127.46	468.38
	vii) Cement sand 1 : 8	Cu.m	4,501.35	16,456.59
		Cu.ft	127.46	466.00
	b) Above 4.5" (115mm) nominal thick brickwork	Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	4,218.53	18,293.16

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
		Cu.ft	119.46	518.00
	ii) Cement sand 1 : 3	Cu.m	4,218.53	17,315.58
		Cu.ft	119.46	490.32
	iii) Cement sand 1 : 4	Cu.m	4,218.53	16,803.89
		Cu.ft	119.46	475.83
	iv) Cement sand 1 : 5	Cu.m	4,218.53	16,505.40
		Cu.ft	119.46	467.38
	v) Cement sand 1 : 6	Cu.m	4,218.53	16,292.20
		Cu.ft	119.46	461.34
	vi) Cement sand 1 : 7	Cu.m	4,218.53	16,164.28
		Cu.ft	119.46	457.72
	vii) Cement sand 1 : 8	Cu.m	4,218.53	16,036.35
		Cu.ft	119.46	454.10
11-32	Providing and laying first class perforated brick masonry in walls including scaffolding, raking out joints and curing in ground floor superstructure.	Cu.m	-	-
	a) Upto 4.5" (115 mm) nominal thick brick work	Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	5,142.86	19,094.11
		Cu.ft	145.63	540.68
	ii) Cement sand 1 : 3	Cu.m	5,142.86	18,102.04
		Cu.ft	145.63	512.59
	iii) Cement sand 1 : 4	Cu.m	5,142.86	17,582.77
		Cu.ft	145.63	497.89
	iv) Cement sand 1 : 5	Cu.m	5,142.86	17,279.86
		Cu.ft	145.63	489.31
	v) Cement sand 1 : 6	Cu.m	5,142.86	17,063.50
		Cu.ft	145.63	483.18
	vi) Cement sand 1 : 7	Cu.m	5,142.86	16,933.68
		Cu.ft	145.63	479.51
	vii) Cement sand 1 : 8	Cu.m	5,142.86	16,803.87
		Cu.ft	145.63	475.83
	b) Above 4.5" (115mm) nominal thick brickwork	Cu.m	-	-
	i) Cement sand 1 : 2	Cu.m	4,824.00	19,499.00
		Cu.ft	136.60	552.15
	ii) Cement sand 1 : 3	Cu.m	4,824.00	18,072.45
		Cu.ft	136.60	511.75
	iii) Cement sand 1 : 4	Cu.m	4,824.00	17,325.76
		Cu.ft	136.60	490.61
	iv) Cement sand 1 : 5	Cu.m	4,824.00	16,890.19
		Cu.ft	136.60	478.28
	v) Cement sand 1 : 6	Cu.m	4,824.00	16,579.07
		Cu.ft	136.60	469.47
	vi) Cement sand 1 : 7	Cu.m	4,824.00	16,392.40
		Cu.ft	136.60	464.18
	vii) Cement sand 1 : 8	Cu.m	4,824.00	16,205.73
		Cu.ft	136.60	458.89
11-33	a) Extra for hollow and perforated brick masonry in first floor	Cu.m	1,134.30	1,168.33
		Cu.ft	32.12	33.08

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
11-34-1	b) Extra for hollow and perforated brick masonry in every additional floor over first floor.	Cu.m	767.40	790.42
		Cu.ft	21.73	22.38
		Cu.m	37.92	904.80
		Cu.ft	1.07	25.62
11-35-1	Providing and laying fabric steel reinforcement 1" (25 mm) wire mesh weighing not less than 2 kg/sq.m. including cutting to required shape and size, overlaps, wastage etc. the reinforcement shall be embeded in every third horizontal course in basement, plinth and ground floor.	Cu.m	16,176.00	348,600.00
		Cu.ft	458.05	9,871.24
11-36-1	Providing and laying mild steel reinforcement bars in brick work including straightening, removing rust, cutting, bending, wastage, overlaps, placing in position, tying with binding wire (cost of binding wire included) in basement, plinth and ground floor.	Cu.m	57.42	287.79
		Cu.ft	1.63	8.15
11-37-1	Providing and laying hoop iron reinforcement in brick work including straightening, cutting, punching, overlaps, wastage and placing in position including anti-corrosive bitumastic paint two coats in basement, plinth and ground floor.	Cu.m	57.00	285.51
		Cu.ft	1.61	8.08
11-38-1	Flat iron wall ties size 8" x 3/4" x 1/4" (200 mm x 20 mm x 5 mm) weighing 39.25 kg per sq.m or 200 mm x 20 mm x 4 mm weighing 31.4 kg./ Sq.m.	Cu.m	57.00	285.51
		Cu.ft	1.61	8.08
11-39-1	Providing and placing mild steel reinforcement bars in steining of brick work in wells. Vertical bars are to be placed in two staggered rows and at 10" (250mm) centered in each row including straightening, removing of rust, cutting, bending, binding, wastage, overlaps, placing in position and tying with binding wire upto 5ft. (1.5m) depth or part thereof.	Kg.	2,863.50	335,287.50
11-40 a)	Providing and placing hoop iron in steining of brick work in wells including cutting, straightening, bending, wastage, overlaps and placing in position upto 5 ft.(1.5 m) depth or part thereof.	Tonne	65.04	295.41
11-40 b)	Extra for mild steel bars or hoop iron reinforcement in first floor.	Kg.	8.58	8.84
11-41-1	Extra for mild steel bars or hoop iron reinforcement in additional floor above first floor.	kg.	5.22	5.38
11-42	Extra for mild steel or hoop iron reinforcement in steining of brickwork in wells for every additional 5 ft (1.5m) depth or part thereof beyond 5ft (1.5m) depth.	Tonne	9.44	9.72
11-43	Providing and laying fire brick lining in walls for fire places laid in mortar of high alumina cement and fine aggregate of crushed fire brick 1:2 including scaffolding in basement, plinth and ground floor superstructures.	kg.	-	-
	a) 4.5" (115 mm) nominal thick fire brick lining in walls of fire places.	kg.	8,220.00	22,754.69
	b) 9" (230 mm) nominal thick fire brick lining in walls of fire places.	kg.	7,065.00	17,441.22
11-43	Providing and laying fire brick lining in arches for fire places laid in mortar of high alumina cement and fine aggregate of crushed fire brick 1:2 including scaffolding in basement, plinth and ground floor superstructures.	Kg.	-	-
	a) 4.5" (115 mm) nominal thick fire brick lining in arches of fire places.	Cu.m	9,231.00	26,841.96

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
11-44	b) 9" (230 mm) nominal thick fire brick lining in arches of fire places.	Cu.ft	261.39	760.08
		Cu.m	8,076.00	25,969.74
		Cu.ft	228.69	735.38
	Providing and laying fire brick lining in walls for fire places laid in vitrified fire clay mortar including scaffolding in basement, plinth and ground floor.	Cu.m	-	-
11-45	a) 4.5" thick (115mm) nominal thick fire brick lining in walls of fire lining	Cu.m	8,220.00	23,195.66
		Cu.ft	232.76	656.83
	b) 9" thick (230 mm) nominal thick fire brick lining in walls of fire lining	Cu.m	7,065.00	21,964.59
		Cu.ft	200.06	621.97
11-46	Providing and laying fire brick lining in arches for fire places with vitrified fire clay mortar including scaffolding, formwork and its removal in basement, plinth & ground floor.	Cu.m	-	-
	a) 4.5" (115 mm) nominal thick fire brick lining in arches of fire places.	Cu.m	9,231.00	24,906.68
		Cu.ft	261.39	705.28
	b) 9" thick (230 mm) nominal thick fire brick lining in walls of fire lining	Cu.m	8,076.00	23,610.07
11-47		Cu.ft	228.69	668.56
	a) Extra for first floor over item 11-42 to 11-45	Cu.m	1,134.30	1,168.33
		Cu.ft	32.12	33.08
	b) Extra for every additional floor above first floor over item 11-46(a)	Cu.m	767.40	790.42
11-48		Cu.ft	21.73	22.38
	Providing and laying reinforced first class burnt bricks set in cement sand mortar 1:3 in lintel including scaffolding, fromwork and its removal, curing but excluding the cost of reinforcement in basement, plinth and ground floor.	Cu.m	5,016.00	21,324.46
		Cu.ft	142.04	603.84
	Providing and laying reinforced first class burnt bricks with cement concrete in ribs and on top using crushed aggregate 3/4" and down gauge, mix not leaner than 1:2:4 including formwork and its removal, compacting, curing but excluding the cost of reinforcement in basement and ground floor.	Cu.m	-	-
11-49	a) R.B. Slab 4.5" nominal thick including 1.5" thick R.C.C. ribs and 1.5" thick cover on top.	Cu.m	7,200.00	24,215.95
		Cu.ft	203.88	685.72
	b) R.B. Slab 6" nominal thick including 1.5" (38mm) thick R.C.C. ribs and 1.5" thick cover on top.	Cu.m	5,016.00	20,273.17
		Cu.ft	142.04	574.07
11-50	c) R.B. Slab 8" nominal thick including 2" thick R.C. ribs, 1.5" thick cover on top and 4 brick panel laid in cement sand mortar 1:3.	Cu.m	4,428.00	18,906.65
		Cu.ft	125.39	535.38
	Providing and laying reinforced first class burnt bricks set in cement sand mortar 1:3 in cantilever slab, sun shade etc. including formwork and its removal curing but excluding the cost of reinforcement in basement and ground floor.	Cu.m	-	-
	a) 3" nominal thick cantilever slab and sun shade etc.	Cu.m	6,948.00	27,627.76
11-51		Cu.ft	196.75	782.33
	b) 4.5" (115mm) nominal thick cantilever slab and sun shade etc.	Cu.m	6,318.00	24,248.54
		Cu.ft	178.91	686.64

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
11-50	Providing and laying reinforced first class burnt bricks set in cement sand mortar 1:3 in stair case waist slab and landing of required section including scaffolding and formwork and its removal, curing but excluding the cost of reinforcement in basement and ground floor.	Cu.m	9,909.00	26,005.78
		Cu.ft	280.59	736.40
11-51 a)	Extra for R.B. masonry for first floor.	Cu.m	591.00	608.73
		Cu.ft	16.74	17.24
b)	Extra for R.B. masonry for every additional floor over first floor.	Cu.m	591.00	608.73
		Cu.ft	16.74	17.24
11-52	Extra labour for profile and flared out walls.	Cu.m	916.50	944.00
		Cu.ft	25.95	26.73
11-53	Extra labour for pucca brick work in piers and abutment.	Cu.m	-	-
a)	Above 10 ft to 20 ft (3 m to 6 m) height	Cu.m	717.00	738.51
		Cu.ft	20.30	20.91
b)	Above 20 ft (6 m) height	Cu.m	1,315.50	1,354.97
		Cu.ft	37.25	38.37
11-54	Extra to face work 4.5" (115 mm) nominal thick using special bricks instead of first class burnt bricks.	Cu.m	264.00	1,488.00
		Cu.ft	7.48	42.14
11-55	Extra for dressing or chamfering bricks.	Cu.m	-	-
a)	Special architectural bricks	Cu.m	1,449.00	1,449.00
		Cu.ft	41.03	41.03
b)	All other purposes	Cu.m	724.50	724.50
		Cu.ft	20.52	20.52
11-56	Providing and laying ghilafi brick work 13.5" (345mm) nominal thick including scaffolding and raking out joints with 1:5 mortar	Cu.m	-	-
a)	Foundation, basement and plinth	Cu.m	3,228.00	17,014.78
		Cu.ft	91.41	481.80
b)	Walls in superstructure	Cu.m	3,311.25	17,098.03
		Cu.ft	93.76	484.16
11-57-1	Providing and laying first class burnt bricks (Brick Strength: 1800psi - 2000psi) flooring or pitching dry bricks laid flat and i/c cost of testing.	Cu.m	1,260.00	12,884.23
		Cu.ft	35.68	364.84
11-58-1	Providing pise wall (mud walling) in superstructure.	Cu.m	1,428.00	1,538.17
		Cu.ft	40.44	43.56
11-59-1	Cleaning bricks dismantled from kacha pacca masonry.	%Nos.	2,352.00	2,352.00
11-60-1	Scraping bricks dismantled from pacca masonry.	%Nos.	4,536.00	4,536.00
11-61-1	With sand excavated from outside, lead upto 25 km including royalty of sand, no additional lead shall be paid without prior approval of Engineer incharge.	Cu.m	19.14	1,559.15
		Cu.ft	0.54	44.15
11-62-1	Chamfering sides of head regulators to increase width.	Cu.m	1,617.00	1,617.00
11-63-1	Replacing Kallar eaten bricks	Each	92.40	121.63
11-64-1	Repairing corners of bridges and other hydraulic masonry works.	Each	924.00	1,508.64

SI	Description	Unit	Rate (Rs.)	
			Labour	Composite
11-65-1	Extra labour for drains of bath rooms etc.	R.M.	231.00	231.00
		R.ft	70.43	70.43
11-66-1	Extra for first class burnt solid or hollow block or tile masonry of any description in any floor or other than building for every 1.50 m. height or part thereof beyond 4.5m.	Each	462.00	500.40
11-67-1	Extra for first class burnt solid or hollow block or tile masonry of any description in any floor or other than building for every 1.50 m. height or part thereof beyond 4.5m.	Cu.m	139.23	175.24
		Cu.ft	3.94	4.96
11-68-1	Extra for reinforcement in brick work of any description for every 5 ft 1.5m height or part thereof beyond 15 ft or 4.5m.	Tonne	2,553.60	2,808.96
11-69	Extra for Brick masonry of height above 12 ft but upto 24 ft on Ground Floor only	Cu.m	-	15%

Government of Balochistan

Volume-1

Composite Schedule of Rates

SECTION - 12

STONE MASONRY

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
12-1-1	Providing, dressing and laying dry uncoursed rubble masonry in retaining or compound walls including scaffolding.	Cu.m	4,392.00	6,945.12
		Cu.ft	124.37	196.66
12-2-1	Providing, dressing and laying dry coursed rubble masonry in retaining or compound walls including scaffolding.	Cu.m	5,406.00	7,929.78
		Cu.ft	153.08	224.55
12-3-1	Providing, dressing and laying dry coursed or uncoursed rubble pitching of any thickness	Cu.m	4,437.00	6,761.93
		Cu.ft	125.64	191.48
12-4	Providing, dressing and laying uncoursed rubble masonry in foundation, plinth and basement including scaffolding and curing.		-	-
a)	In mud mortar	Cu.m	4,104.00	6,316.61
		Cu.ft	116.21	178.87
b)	In cement, sand mortar			
i)	1 : 3	Cu.m	4,104.00	12,196.22
		Cu.ft	116.21	345.36
ii)	1 : 4	Cu.m	4,104.00	10,879.24
		Cu.ft	116.21	308.07
iii)	1 : 6	Cu.m	4,104.00	9,534.56
		Cu.ft	116.21	269.99
iv)	1 : 8	Cu.m	4,104.00	8,862.23
		Cu.ft	116.21	250.95
12-5	Providing, dressing and laying coursed rubble masonry in foundation, plinth and basement including scaffolding and curing.			
a)	In mud mortar	Cu.m	7,080.00	11,708.30
		Cu.ft	200.48	331.54
b)	In cement, sand mortar			
i)	1 : 3	Cu.m	7,752.00	17,069.67
		Cu.ft	219.51	483.36
ii)	1 : 4	Cu.m	7,752.00	16,104.67
		Cu.ft	219.51	456.03
iii)	1 : 6	Cu.m	7,752.00	14,995.32
		Cu.ft	219.51	424.62
iv)	1 : 8	Cu.m	7,752.00	14,440.64
		Cu.ft	219.51	408.91
12-6	Providing, dressing and laying random rubble stone masonry in foundation, plinth and basement including scaffolding and curing.		-	-
a)	In mud mortar	Cu.m	5,412.00	8,071.20
		Cu.ft	153.25	228.55
b)	In cement, sand mortar			
i)	1 : 3	Cu.m	5,412.00	13,163.54
		Cu.ft	153.25	372.75
ii)	1 : 4	Cu.m	5,412.00	12,063.50
		Cu.ft	153.25	341.60
iii)	1 : 6	Cu.m	5,412.00	10,886.92
		Cu.ft	153.25	308.28

Sr No	Description	Units	Rate (Rs.)	
iv	1 : 8	Cu.m	5,412.00	10,298.62
		Cu.ft	153.25	291.62
12-7	Providing dressing and laying Ashlar Fine masonry in foundation, plinth and basement including scaffolding and curing.		-	-
a)	In cement, sand mortar			
i)	1 : 3	Cu.m	28,646.04	36,478.83
		Cu.ft	811.16	1,032.96
ii)	1 : 4	Cu.m	28,646.04	35,974.58
		Cu.ft	811.16	1,018.69
iii)	1 : 6	Cu.m	28,646.04	35,649.27
		Cu.ft	811.16	1,009.47
12-8	Providing dressing and laying Ashlar rough tooled or blocks in course masonry in foundation, plinth and basement including scaffolding and curing.		-	-
a)	In cement, sand mortar			
i)	1 : 3	Cu.m	25,916.04	33,200.89
		Cu.ft	733.86	940.14
ii)	1 : 4	Cu.m	25,916.04	32,427.70
		Cu.ft	733.86	918.25
iii)	1 : 6	Cu.m	25,916.04	31,654.51
		Cu.ft	733.86	896.35
12-9	Providing dressing and laying Ashlar rock rustic or quarry faced masonry in foundation, plinth and basement including scaffolding and curing.		-	-
a)	In cement, sand mortar			
i)	1 : 3	Cu.m	17,295.00	23,635.52
		Cu.ft	489.74	669.28
ii)	1 : 4	Cu.m	17,295.00	22,855.60
		Cu.ft	489.74	647.20
iii)	1 : 6	Cu.m	17,295.00	22,075.69
		Cu.ft	489.74	625.11
12-10	Providing dressing and laying Ashlar chamferred masonry in foundation, plinth and basement including scaffolding and curing.		-	-
a)	In cement, sand mortar			
i)	1 : 3	Cu.m	20,131.20	27,804.11
		Cu.ft	570.05	787.32
ii)	1 : 4	Cu.m	20,131.20	27,107.47
		Cu.ft	570.05	767.60
iii)	1 : 6	Cu.m	20,131.20	26,334.28
		Cu.ft	570.05	745.70
12-11	Providing dressing and laying Ashlar fine stone masonry in plain or chequerred tread or risers of steps in course masonry in foundation, plinth basement & ground floor, including scaffolding and curing.		-	-
a)	In cement, sand mortar			
i)	1 : 3	Cu.m	27,134.40	34,050.91
		Cu.ft	768.36	964.21
ii)	1 : 4	Cu.m	27,134.40	33,546.66
		Cu.ft	768.36	949.93

Sr No	Description	Units	Rate (Rs.)	
12-12	iii) 1 : 6	Cu.m	27,134.40	33,042.41
		Cu.ft	768.36	935.66
	Providing, dressing and laying uncoursed rubble masonry in		-	-
	superstructure including scaffolding and curing in ground floor.		-	-
	a) In mud mortar	Cu.m	3,803.23	6,006.81
		Cu.ft	107.70	170.09
	b) In cement, sand mortar	Cu.m	-	-
		Cu.ft	-	-
	i) 1 : 3	Cu.m	6,006.00	14,155.28
		Cu.ft	170.07	400.83
12-13	ii) 1 : 4	Cu.m	6,006.00	12,838.30
		Cu.ft	170.07	363.54
	iii) 1 : 6	Cu.m	6,006.00	11,493.62
		Cu.ft	170.07	325.46
	iv) 1 : 8	Cu.m	6,006.00	10,821.29
		Cu.ft	170.07	306.42
	Providing, dressing and laying coursed rubble masonry in		-	-
	superstructure including scaffolding and curing in ground floor (steel		-	-
	reinforcement if used will be paid separately)		-	-
	a) In mud mortar	Cu.m	6,615.00	11,229.35
12-14		Cu.ft	187.32	317.98
	b) In cement, sand mortar			
	i) 1 : 3	Cu.m	6,757.50	16,189.69
		Cu.ft	191.35	458.44
	ii) 1 : 4	Cu.m	6,757.50	15,080.34
		Cu.ft	191.35	427.03
	iii) 1 : 6	Cu.m	6,757.50	13,970.98
		Cu.ft	191.35	395.61
	iv) 1 : 8	Cu.m	6,757.50	13,416.30
		Cu.ft	191.35	379.91
12-15	Providing, dressing and laying random rubble stone masonry in		-	-
	superstructure including scaffolding and curing in ground floor.		-	-
	a) In mud mortar	Cu.m	7,660.00	10,386.64
		Cu.ft	216.91	294.12
	b) In cement, sand mortar			
	i) 1 : 3	Cu.m	7,562.50	15,378.55
		Cu.ft	214.15	435.47
	ii) 1 : 4	Cu.m	7,562.50	14,278.52
		Cu.ft	214.15	404.32
	iii) 1 : 6	Cu.m	7,562.50	13,101.93
12-15		Cu.ft	214.15	371.01
	iv) 1 : 8	Cu.m	7,562.50	12,513.64
		Cu.ft	214.15	354.35
	Providing, dressing and laying ashlar fine masonry in superstructure		-	-
12-15	including scaffolding and curing in ground floor.		-	-
	a) In cement, sand mortar		-	-
	i) 1 : 3	Cu.m	34,699.20	42,713.59

Sr No	Description	Units	Rate (Rs.)	
ii) 1 : 4		Cu.ft	982.57	1,209.51
		Cu.m	34,699.20	42,209.33
		Cu.ft	982.57	1,195.23
iii) 1 : 6		Cu.m	34,699.20	41,705.08
		Cu.ft	982.57	1,180.96
12-16	Providing, dressing and laying ashlar rough tooled or blocks in course masonry in superstructure including scaffolding and curing in ground floor.		-	-
a) In cement, sand mortar				
i) 1 : 3		Cu.m	19,895.00	26,999.22
		Cu.ft	563.36	764.53
ii) 1 : 4		Cu.m	19,895.00	26,226.03
		Cu.ft	563.36	742.64
iii) 1 : 6		Cu.m	19,895.00	25,452.84
		Cu.ft	563.36	720.74
12-17	Providing, dressing and laying ashlar rock rustic or guary faced masonry in superstructure including scaffolding and curing in ground floor.		-	-
a) In cement, sand mortar				
i) 1 : 3		Cu.m	18,697.50	25,080.09
		Cu.ft	529.45	710.19
ii) 1 : 4		Cu.m	18,697.50	24,300.17
		Cu.ft	529.45	688.10
iii) 1 : 6		Cu.m	18,697.50	23,520.27
		Cu.ft	529.45	666.02
12-18	Providing, dressing and laying ashlar fine chamferred masonry in superstructure including scaffolding and curing in ground floor.		-	-
a) In cement, sand mortar				
i) 1 : 3		Cu.m	22,708.20	30,458.42
		Cu.ft	643.02	862.49
ii) 1 : 4		Cu.m	22,708.20	29,761.78
		Cu.ft	643.02	842.76
iii) 1 : 6		Cu.m	22,708.20	28,988.59
		Cu.ft	643.02	820.86
12-19	Providing, dressing and laying ashlar fine stone masonry punched work in superstructure including scaffolding and curing in ground floor. (Gross measurement will be made).		-	-
a) In cement, sand mortar				
i) 1 : 3		Cu.m	33,121.35	41,792.53
		Cu.ft	937.89	1,183.43
ii) 1 : 4		Cu.m	33,121.35	43,699.98
		Cu.ft	937.89	1,237.44
iii) 1 : 6		Cu.m	33,121.35	43,195.73
		Cu.ft	937.89	1,223.17
12-20	Providing, dressing and laying ashlar fine stone masonry in sink or moulded work upto & sectional area of 50 Sq.in. (325 Sq.cm) in cornice, coping and architrave etc. in superstructure including scaffolding and curing in ground floor.		-	-
a) In cement, sand mortar				

Sr No	Description	Units	Rate (Rs.)	
12-21	i) 1 : 3	R.M.	1,280.64	1,536.20
		R.ft	390.44	468.35
	ii) 1 : 4	R.M.	1,280.64	1,553.52
		R.ft	390.44	473.63
	iii) 1 : 6	R.M.	1,280.64	1,547.76
		R.ft	390.44	471.88
12-22	Providing, dressing and laying ashlar fine stone masonry in sink or moulded work above sectional area of 50 sq.in. to 100 sq.in. (325 sq.cm to 650 sq.cm) in cornice, coping and architrave etc. in superstructure including scaffolding and curing in ground floor.		-	-
	a) In cement, sand mortar			
	i) 1 : 3	R.M.	2,594.18	3,068.43
		R.ft	790.91	935.50
	ii) 1 : 4	R.M.	2,594.18	3,133.58
		R.ft	790.91	955.36
12-23	iii) 1 : 6	R.M.	2,594.18	3,122.12
		R.ft	790.91	951.87
	Dressing stones (Dressed face shall be considered for measurement).		-	-
	a) Random rubble hammer dressed	Sq.m	1,289.13	1,295.79
		Sq.ft	119.76	120.38
	b) Ashlar rough tool dressed	Sq.m	2,735.28	2,735.28
12-24		Sq.ft	254.12	254.12
	c) Ashlar chisel dressed	Sq.m	3,379.85	3,379.85
		Sq.ft	314.00	314.00
	d) Ashlar fine dressed	Sq.m	7,598.45	7,598.45
		Sq.ft	705.92	705.92
	Extra for providing, dressing and laying stone masonry for arches of any kind of walls including scaffolding, formwork and its removal, raking out ioints and curing.	Cu.m	1,848.00	2,398.32
12-25		Cu.ft	52.33	67.91
	a) Extra for first floor over item No.12 - 11 to 12 - 14	Cu.m	1,411.50	1,453.85
		Cu.ft	39.97	41.17
	b) Extra for every additional floor above first floor on item 12 - 24 (a)	Cu.m	1,095.00	1,127.85
		Cu.ft	31.01	31.94
	a) Extra for first floor over item No.12 - 15 to 12 - 18.	Cu.m	1,810.50	1,864.82
12-26		Cu.ft	51.27	52.81
	b) Extra for every additional floor above first floor on item 12 - 25 (a)	Cu.m	1,229.40	1,266.28
		Cu.ft	34.81	35.86
	a) Extra for punched work in first floor on item No.12 - 19.	Cu.m	1,558.50	1,605.26
		Cu.ft	44.13	45.46
	b) Extra for every additional floor above first floor on item 12 - 26 (a).	Cu.m	1,187.40	1,223.02
12-27		Cu.ft	33.62	34.63
	a) Extra for first floor on item 12 - 20.	R.M.	16.13	16.62
		R.ft	4.92	5.07
	b) Extra for every additional floor above first floor on item 12 - 27 (a).	R.M.	12.51	12.89

Sr No	Description	Units	Rate (Rs.)	
12-28 a)	Extra for first floor on item 12 - 21.	R.ft	3.82	3.93
		R.M.	41.15	42.38
		R.ft	12.55	12.92
		R.M.	27.94	28.78
b)	Extra for every additional floor above first floor on item 12 - 28 (a).	R.ft	8.52	8.77
		R.M.	27.94	28.78
		R.ft	8.52	8.77
		R.M.	27.94	28.78
12-29-1	Extra for stone masonry of any description in any floor or other than building for every 5 ft. (1.5 m.) height or part thereof beyond 15 ft. (4.5m) height.	Cu.m	-	2,025.46
		Cu.ft	-	57.35
12-30-1	Extra for stone masonry in cornice, coping and architrave in any floor or other than building for every 5 ft.(1.5m) height or part thereof bevond 15ft. (4.5m) on item 12-21	R.M.	13.77	14.18
		R.ft	4.20	4.32
12-31-1	Extra for stone masonry in cornice, coping and architrave in any floor or other than building for every 5 ft. (1.5m) height or part thereof bevond 15ft. (4.5m) on item 12-22	R.M.	20.38	20.99
		R.ft	6.21	6.40

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SECTION - 13

ROOFING

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
13-1 a)	Providing and laying roof insulation comprising single layer of first class burnt brick tile 12"x6"x1.25" laid with 1:6 cement sand mortar and grouted with 1:3 cement sand mortar laid over 4inches (100mm) thick earth and 1inch (25mm) thick gobri leaping over two coats of hot bitumen @ 34 lbs. per 100 Sq.ft.(1.65 Kg/Sq.m) sand blended covered with polythene sheet 300 gauge provided including sand pointing underside of tiles including curing	Sq.m	978.00	2,225.85
		Sq.ft	90.86	206.79
	b) Providing and laying first class burnt brick tile roofing laid in 1 : 6 cement sand mortar including 1 : 2 cement sand pointing underside of tiles including curing for Tee iron/girder roof (Cost of Tee iron/ girder not included)	Sq.m	365.40	1,398.58
		Sq.ft	33.95	129.93
	c) Extra if PCC tiles are used in place of first class burnt bricks in item 13-1(b) above	Sq.m	127.89	489.50
		Sq.ft	11.88	45.48
13-2 a)	Providing and laying second class brick tile roofing comprising 4 inches (100mm) thick earth and 1 inch (25 mm) thick mud plaster with gobri leaping over 1/2 inch (13mm) thick cement plaster 1:6 with 34 lbs./100 Sq.ft.(1.65 Kg./Sq.m.) hot bitumen coating sand blended in one coat, provided over one layer of tiles 12" x 6"x 2" laid in 1:6 cement sand mortar including 1:2 cement sand pointing underside of tiles including curing	Sq.m	978.00	2,775.70
		Sq.ft	90.86	257.87
	b) Providing and laying second class brick tile roofing comprising 4 inches (100mm) thick earth and 1 inch (25 mm) thick mud plaster with gobri leaping provided over one layer of tiles 12"x 6"x 2" laid in 1:6 cement sand mortar including 1:2 cement sand pointing underside of tiles including curing	Sq.m	825.60	2,204.65
		Sq.ft	76.70	204.82
	13-3 Covering mud roof with coaltar 37 lbs./100 S.ft.(1.8 Kg /Sq.m) and fine sand.	Sq.m	20.85	236.85
		Sq.ft	1.94	22.00
13-4	Filling spaces in between:		-	-
a)	Wooden battens over beams filled with deodar wood pieces (spacers)	Sq.m	172.80	939.09
		Sq.ft	16.05	87.24
	b) R.C.C. battens over beams filled with cement concrete blocks 1 : 3 : 6	Sq.m	284.40	360.32
		Sq.ft	26.42	33.48
	c) Spaces filled with bricks in 1 : 3 cement sand	Sq.m	76.65	195.49
		Sq.ft	7.12	18.16
13-5	Providing and laying roof insulation comprising single layer of first class burnt brick tile 9"x 4.5"x 1.5" laid with 1:6 cement sand mortar and grouted with 1:3 cement sand mortar laid over 4inches (100mm) thick earth and 1inch (25mm) thick mud plaster without bhoosa over two coats of hot bitumen @ 34 lbs. per 100 Sq.ft.(1.65 Kg/Sq.m) sand blended covered with polythene sheet 300 gauge including curing etc. complete in all respect.	Sq.m	868.20	2,589.78
		Sq.ft	80.66	240.60
13-6	Providing and filling earth over roof including watering, ramming, mud plastering with gobri leaping		-	-
a)	3 inches (75mm) thick earth filling and mud plastering 1 inch (25mm) nominal thickness	Sq.m	181.20	1,017.16
		Sq.ft	16.83	94.50

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
b)	4 inches (100mm) thick earth filling and 1 inch (25 mm) thick mud plastering	Sq.m	219.15	1,220.02
		Sq.ft	20.36	113.34
13-7	3.25 mm nominal thick gobar leaping on roof or floors.	Sq.m	38.10	39.48
		Sq.ft	3.54	3.67
13-8	Providing and fixing corrugated G.I. sheets with G.I. hooks, bolts, nuts, limpets and bitumen washers including cutting to required sizes and overlaps but without valleys and ridges (excluding cost of frame work) in ground floor		-	-
a)	18 S.W.G. (1.41 mm) thick sheets roofing	Sq.m	237.06	6,282.75
		Sq.ft	22.02	583.69
b)	20 S.W.G. (1.31 mm) thick sheets roofing	Sq.m	237.06	4,775.73
		Sq.ft	22.02	443.68
c)	22 S.W.G. (1.21mm) thick sheets roofing	Sq.m	237.06	4,052.89
		Sq.ft	22.02	376.53
d)	24 S.W.G. (1.06 mm) thick sheets roofing	Sq.m	237.06	3,402.33
		Sq.ft	22.02	316.09
e)	26 S.W.G. (0.97 mm) thick sheets roofing	Sq.m	237.06	3,058.43
		Sq.ft	22.02	284.14
13-9	Providing khassi parnalas in cement sand mortar 1 : 2, 12inches (300mm) outside width finished smooth with a floating coat of neat cement including water proofing admixture @ 2 % of cement content or as otherwise advised by manufacturer.	R.M.	681.60	892.55
		R.ft	207.80	272.12
13-10	Providing Khurras on roof 24" x 24" x 2" (600mm x 600mm x 50mm) size including water proofing admixture @ 2 % of cement content or as otherwise advised by manufacturer.	Each	808.80	1,148.46
13-11	Providing bottom khurras of brick masonry in cement sand mortar 1:6, size 48"x24"x 1.5" (1250mmx 600mmx 38mm) over 3inches (75mm) thick cement concrete 1:4:8 including water proofing admixture @ 2 % of cement content or as otherwise advised by manufacturer.	Each	808.80	1,966.96
13-12	Providing and laying plain galvanized iron sheet 22 SWG (1.21 mm) rain water down pipe including cost of clamps and fixing in position		-	-
a)	4 inches (100 mm) diameter down pipe	R.M.	513.60	1,713.90
		R.ft	156.59	522.53
b)	5 inches (125 mm) diameter down pipe	R.M.	513.60	2,146.79
		R.ft	156.59	654.51
13-13	Providing and fixing plain galvanized iron sheet flashing 22 SWG (1.21mm)	Sq.m	2,011.20	4,321.60
		Sq.ft	186.85	401.49
13-14	Providing and fixing in position cast iron rain water down pipe including painting and clamps but excluding heads and shoes		-	-
a)	4 inches (100 mm) diameter C.I. down pipe	R.M.	456.00	1,133.69
		R.ft	139.02	345.64
b)	3 inches (75 mm) diameter C.I. down pipe	R.M.	228.00	764.71
		R.ft	69.51	233.14
13-15	Providing and fixing in position cast iron rain water down pipe head including cost of clamps, holdfasts, nuts, bolts and painting.		-	-
a)	4 inches (100 mm) diameter C.I. head	Each	67.44	414.60
b)	3 inches (75 mm) diameter C.I. head	Each	67.44	320.88

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
13-16	Providing and fixing cast iron rain water pipe shoe, bend and offset including cost of clamps, holdfasts, bolts, nuts and painting		-	-
a)	4 inches (100 mm) dia. shoe or bend or offset	Each	228.00	802.56
b)	3 inches (80 mm) dia. shoe or bend or offset	Each	228.00	637.08
13-17	Providing and fixing plain 22 SWG (1.21 mm) G.I. sheet spout size 30"x6" (750mm x 150mm) including painting	Each	513.60	953.68
13-18	Providing and fixing plain G.I. sheets with G.I. bolts, nuts, limpets and bitumen washers including cutting to required sizes and overlaps but excluding cost of frame work in ground floor		-	-
a)	18 SWG (1.41 mm.) thick sheet roofing	Sq.m	237.06	6,114.98
		Sq.ft	22.02	568.10
b)	20 SWG (1.31 mm.) thick sheet roofing	Sq.m	237.06	5,032.59
		Sq.ft	22.02	467.54
c)	22 SWG (1.21 mm.) thick sheet roofing	Sq.m	237.06	4,161.41
		Sq.ft	22.02	386.61
d)	24 SWG (1.06 mm.) thick sheet roofing	Sq.m	237.06	3,475.09
		Sq.ft	22.02	322.85
e)	26 SWG (0.97 mm.) thick sheet roofing	Sq.m	237.06	3,026.33
		Sq.ft	22.02	281.16
13-19	Extra for fixing of G.I. corrugated or plain sheets on curved frame surface to a minimum radius of 5 ft. (1.5m) in ground floor	Sq.m	132.00	132.00
		Sq.ft	12.26	12.26
13-20	Providing and fixing corrugated asbestos cement sheets roofing 1/4" (6.4mm) thick with G.I. Hooks, bolts and G.I. or bitumen washers without valleys and ridges excluding the cost of frame work in ground floor.	Sq.m	216.00	1,060.80
		Sq.ft	20.07	98.55
13-21	Providing and fixing corrugated asbestos cement sheet coloured roofing 5/32" (4mm) thick with G.I. Hooks, bolts and G.I. Or bitumen washers, without valleys and ridges excluding the cost of frame work in first floor.	Sq.m	216.00	1,088.40
		Sq.ft	20.07	101.12
13-22	Providing and fixing corrugated G.I. sheet ridges 6 inches (150mm) girth and laps on either side with G.I. bolts, nuts, limpets and bitumen washers in ground floor 6" Lap and 18" overall width.		-	-
a)	18 SWG (1.41 mm) G.I. galvanized sheet ridge	Sq.m	686.38	6,421.79
		Sq.ft	63.77	596.60
b)	20 SWG (1.31 mm) G.I. galvanized sheet ridge	Sq.m	686.38	5,414.44
		Sq.ft	63.77	503.02
c)	22 SWG (1.21 mm) G.I. galvanized sheet ridge	Sq.m	686.38	4,658.68
		Sq.ft	63.77	432.81
d)	24 SWG (1.06 mm) G.I. galvanized sheet ridge	Sq.m	686.38	3,978.50
		Sq.ft	63.77	369.62
e)	26 SWG (0.97 mm) G.I. galvanized sheet ridge	Sq.m	686.38	3,499.86
		Sq.ft	63.77	325.15
13-23	Providing and fixing fiber glass sheet with G.I. bolts, nuts, limpets and bitumen washers in ground floor.	Sq.m	686.38	35,835.72
		Sq.ft	63.77	3,329.25
13-24	Providing and fixing plain G.I. sheet ridges 6 inches (150mm) girth and laps on either side with G.I. hooks, nuts, limpets and bitumen washers in ground floor 9" Lap and 24" overall width.		-	-

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
a)	18 SWG (1.41 mm) plain galvanized sheet ridge	Sq.m	686.38	6,556.83
		Sq.ft	63.77	609.15
b)	20 SWG (1.31mm) plain galvanized sheet ridge	Sq.m	686.38	5,474.25
		Sq.ft	63.77	508.58
c)	22 SWG (1.21mm) plain galvanized sheet ridge	Sq.m	686.38	4,602.91
		Sq.ft	63.77	427.62
d)	24 SWG (1.06mm) plain galvanized sheet ridge	Sq.m	686.38	3,916.40
		Sq.ft	63.77	363.85
e)	26 SWG (0.97 mm) plain galvanized sheet ridge	Sq.m	686.38	3,467.53
		Sq.ft	63.77	322.14
13-25	Providing and fixing Non Asbestos Cement Fibre ridge two pieces close fitting or plain wing adjustable, 1/4 inch (6.4mm) thick with bolts and nuts in ground floor	R.M.	34.50	1,267.02
		R.ft	10.52	386.29
13-26	Providing and fixing Non Asbestos Cement Fibre ridge two pieces close fitting or plain wing adjustable, 5/32" (4mm) thick with bolts and nuts in ground floor	R.M.	34.50	1,217.87
		R.ft	10.52	371.30
13-27	Providing and fixing Non Asbestos Cement Fibre ridge plain angular one piece including bolts and nuts in ground floor	R.M.	34.50	1,262.46
		R.ft	10.52	384.90
13-28	Providing and fixing two piece adjustable asbestos cement ridge finials in any floor at any height with bolts and nuts.		-	-
a)	Grey Colour	Each	216.00	522.60
		Each	216.00	493.60
13-29	Providing and fixing plain galvanized iron gutters 18 inches (450mm) girth with bolts and nuts in ground floor		-	-
a)	18 SWG (1.41mm) thick G.I. sheet gutter	R.M.	147.60	2,595.23
		R.ft	45.00	791.23
b)	20 SWG (1.31mm) thick G.I. sheet gutter	R.M.	147.60	2,150.32
		R.ft	45.00	655.58
c)	22 SWG (1.21mm) thick G.I. sheet gutter	R.M.	147.60	1,792.27
		R.ft	45.00	546.42
13-30	Providing and fixing 22 SWG (1.21mm) G.I. sheet gutter semi circular 12inches (300mm) diameter.	R.M.	261.00	2,226.14
		R.ft	79.57	678.70
13-31	Providing and fixing Non Asbestos Cement Fibre valley gutters size 9" x 6" (229mmx 152mm) and 1/4" (6.4mm) thick in ground floor		150.00	1,094.40
13-32	Providing and fixing 1/4" (6.4mm) thick plain Non Asbestos Cement Fibre sheet ceiling on wooden frame with deodar wood beading 2" x 1/2" (51mm x13mm) of required shape fixed with screws perforated in corners if required but excluding the cost of frame in ground floor	Sq.m	257.91	1,762.98
		Sq.ft	23.96	163.79
13-33 a)	Providing and fixing 1/2" (13mm) thick Medium Density Fibreboard (Lasani) ceiling of required shape fixed with screws and nails perforated in corners if required but excluding the cost of frame in ground floor upto 14 ft high including guffing.	Sq.m	257.91	1,854.26
		Sq.ft	23.96	172.27
b)	Same as Item 13-33 but for Medium Density Fibre board 3/4" (18 mm)	Sq.m	257.91	2,695.16
		Sq.ft	23.96	250.39

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
13-34	Providing and fixing thermopore sheet ceiling on GI powder coated frame required shape, fixed with screws perforated in corners if required but excluding the cost of frame in ground floor		-	-
a)	1/2 inch (13mm) thick thermopore sheet ceiling	Sq.m	86.40	610.62
		Sq.ft	8.03	56.73
b)	1 inch (25 mm) thick thermopore sheet ceiling	Sq.m	86.40	812.22
		Sq.ft	8.03	75.46
c)	1-1/2 inch (38 mm) thick thermopore sheet	Sq.m	86.40	1,013.82
		Sq.ft	8.03	94.19
13-35	Providing and fixing hessian cloth ceiling with wooden beading 2"x1/2" (50mm x13mm) in ground floor	Sq.m	161.19	1,402.20
		Sq.ft	14.98	130.27
13-36	Providing, fixing and hoisting best quality wood ceiling frame of required section including providing approved anti-termite treatment		-	-
a)	Deodar wood	Sq.m	2,256.00	5,608.38
		Sq.ft	209.59	521.04
b)	Partal wood	Sq.m	2,256.00	3,514.28
		Sq.ft	209.59	326.49
c)	Kail wood	Sq.m	2,256.00	3,976.72
		Sq.ft	209.59	369.45
13-37	Extra labour for erection of G.I.corrugated sheets, plain sheets or Non Asbestos Cement Fibre Sheet Roofing, above 20 ft. (6 m) height in difficult position, including lifting with care and special scaffolding along live electric wire.	Sq.m	60.60	60.60
		Sq.ft	5.63	5.63
13-38	Supplying and laying twin plain G.I. sheet 20 SWG (1.31 mm) painted with hot bitumen 1.65 kg/sq.m. with polythene film in between 300 gauge (0.03 mm) to provide a sliding joint under the bearing of the beams including 3 inch (75 mm) long three nos. bars to act as holdfasts on walls and beams.	Sq.m	185.40	9,140.96
		Sq.ft	17.22	849.22
13-39	Providing and laying first class tile roof insulation comprising single layer of tiles 9"x 4-1/2"x 1-1/2" grouted with cement sand mortar 1:3 laid over 2 inch (50mm) thick earth including mud plaster over thermopore sheet over polythene sheet 300gauge (0.03mm) over a layer of hot bitumen coating, complete in all respect.		-	-
a)	Using thermopore sheet 1/2 inch (13mm) thick.	Sq.m	749.40	2,698.54
		Sq.ft	69.62	250.70
b)	Using thermopore sheet 1 inch (25mm) thick.	Sq.m	749.40	2,900.14
		Sq.ft	69.62	269.43
c)	Using thermopore sheet 1-1/2 inch (37mm) thick.	Sq.m	749.40	3,101.74
		Sq.ft	69.62	288.16
13-40	Providing and fixing non asbestos cement fibre rain water down pipe 4 inches (100mm) dia. with shoe and other accessories	R.M.	62.36	803.27
		R.ft	19.01	244.90
13-41	Making recess in existing brick masonry for bearing of beam girder, R.S joist including repairing damaged surface		-	-
a)	Upto 12 inches (0.30 m) height of girder or beam	Each	567.00	623.70
b)	For every 6 inches (0.15 m) additional height or part thereof	Each	304.50	334.95

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
13-42	Making jarries in existing masonry/concrete for providing recesses for bearing of R.C.C. roof slab including repairing the damaged surface		-	-
a)	Slab upto 6 inches (150mm) thick in brick masonry	R.M.	147.00	169.05
		R.ft	44.82	51.54
b)	Slab exceeding 6 inches (150mm) thick in brick masonry	R.M.	220.50	253.58
		R.ft	67.23	77.31
c)	Slab upto 6 inches (150mm) thick in stone masonry	R.M.	220.50	253.58
		R.ft	67.23	77.31
d)	Slab exceeding 6 inches (150mm) thick in stone masonry or plain concrete	R.M.	332.22	382.05
		R.ft	101.29	116.48
e)	Slab upto 6 inches (150mm) thick in R.C.C	R.M.	294.00	338.10
		R.ft	89.63	103.08
f)	Slab exceeding 6 inches (150mm) thick in R.C.C	R.M.	441.00	507.15
		R.ft	134.45	154.62
13-43	Hoisting R.S. beams or wooden beams and placing in position.	Each	336.00	336.00
13-44	Hoisting and placing in position wooden ballies over roof.	Each	84.00	84.00
13-45	Extra for roofing of any description other than R.C.C. in any floor for every 5 ft. (1.5m) height or part thereof beyond 15 ft. (4.5 m)	Sq.m	28.56	43.13
		Sq.ft	2.65	4.01
13-46	Extra for ridges, valleys, gutters etc. of any description for every 5ft (1.5m) height or part thereof beyond 15 ft (4.5m)	Sq.m	46.92	49.27
		Sq.ft	4.36	4.58
13-47	Extra for ceiling of any description in any floor for every 5 ft. (1.5m) height or part thereof beyond 15 ft. (4.5m)	Sq.m	-	-
a)	For assembling, removal and clearance		-	-
b)	For carrying material and curing		119.50	166.02
13-48	Providing and laying 1" thick glass wool/roof kool sheets in 1" thick sheet cavity walls	Sq.m	380.90	974.86
		Sq.ft	35.39	90.57
13-49	Providing and laying first class tile roof insulation comprising single layer of tiles 12"x 6"x 1-1/2" grouted with cement sand mortar 1:3 laid over 2.5" thick cement concrete 1:4:8 over glass wool /roof kool sheet wrapped in polythene sheet 300gauge (0.03mm.) over a coat of PB- 4 bitumen layer at the rate of 1.65 Kg./Sq.m.	Sq.m	730.82	2,876.71
		Sq.ft	67.90	267.26
13-50	Providing and laying first class tile roof insulation comprising single layer of tiles 12"x 6"x 1-1/2" grouted with cement sand mortar 1:3 laid over 3" thick mud plaster over glass wool /roof kool sheet wrapped in polythene sheet 300 gauge (0.03 mm.) over a coat of PB-4 bitumen layer at the rate of 1.65 Kg/Sq.m.	Sq.m	699.51	3,150.62
		Sq.ft	64.99	292.70
13-51	Providing and laying G.I. pipes insulation for water supply delivery pipe comprising glass wool, jutoid water proof covered with plaster of paris treatment		-	-
a)	Upto 1 inch (25 mm) dia. pipe	R.M.	344.51	786.53
		R.ft	105.03	239.80
b)	Upto 1" to 2" (25 mm to 50 mm) dia. pipe	R.M.	396.18	904.51
		R.ft	120.79	275.77

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
13-52	c) Upto 2" to 3" (50 mm to 75 mm) dia. pipe	R.M.	447.86	1,022.49
		R.ft	136.54	311.74
	Add extra for respective payable item of ground floor	% Increase	-	-
13-53	a) For first floor		-	10%
	b) For every additional floor above first floor		-	7.50%
13-53	Providing and fixing C.I. pipe spouts of required length and dia including fixing in cement mortar 1:4		-	-
	a) 2" (50 mm) dia.	R.M.	148.26	521.20
		R.ft	45.20	158.90
13-54	b) 3" (75 mm) dia.	R.M.	148.26	944.66
		R.ft	45.20	288.00
	c) 4" (100 mm) dia.	R.M.	148.26	1,257.06
13-54	Providing and fixing Non Asbestos Cement Fibre pipe spouts of required length and dia including fixing in cement mortar 1 : 4.		-	-
	a) 2" (50 mm) dia.	R.M.	148.26	874.26
		R.ft	45.20	266.54
13-55	b) 3" (75 mm) dia.	R.M.	148.26	993.06
		R.ft	45.20	302.76
	c) 4" (100 mm) dia.	R.M.	148.26	1,177.86
13-55	Providing and fixing Non Asbestos Cement Fibre rain water down pipe with sealing collars, bolts and nuts and tail piece fixed in cement concrete 1:2:4 including filling joints with asbestos rope and cement mortar 1:2		-	-
	a) 3" (75 mm) dia.	R.M.	194.00	888.14
		R.ft	59.15	270.77
13-56	b) 4" (100 mm) dia.	R.M.	194.00	978.14
		R.ft	59.15	298.21
	Providing and fixing shoe of Non Asbestos Cement Fibre rain water down pipe with mild steel fastener fixed in cement concrete 1:2:4 including filling joints with cement mortar 1:2		-	-
13-57	a) 3" (75 mm) dia.	Each	375.00	579.30
	b) 4" (100 mm) dia.	Each	375.00	615.30
13-58	Providing and fixing Non Asbestos Cement Fibre plain bend of any degree for rain water down pipe with mild steel fasteners fixed in cement concrete 1:2:4 including filling joints with cement mortar 1:2.		-	-
	a) 3" (75 mm) dia.	Each	375.00	1,005.30
	b) 4" (100 mm) dia.	Each	375.00	1,095.30
13-59	Providing and fixing with 6" (150 mm) projection Non Asbestos Cement Fibre offset for rain water down pipe with mild steel fasteners fixed in cement concrete 1:2:4 including filling joints with cement mortar 1:2.		-	-
	a) 3" (75 mm) dia.	Each	375.00	795.30
	b) 4" (100 mm) dia.	Each	375.00	813.30
13-59	Providing and fixing with Non Asbestos Cement Fibre head of any shape for rain water down pipe with mild steel fasteners fixed in cement concrete 1:2:4 including filling joints with cement mortar 1:2.		-	-
	a) 3" (75 mm) dia.	Each	375.00	639.30

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
13-60	b) 4" (100 mm) dia. Providing and fixing P.V.C rain water down pipe with mild steel clamps, bolts and nuts fixed in cement concrete 1:2:4.	Each	375.00	657.30
			-	-
	a) 3" (75 mm) dia.	R.M.	225.92	2,718.52
		R.ft	68.88	828.82
	b) 4" (100 mm) dia.	R.M.	225.92	1,259.34
		R.ft	68.88	383.95
	c) 6" (150 mm) dia.	R.M.	225.92	1,291.74
		R.ft	68.88	393.82
13-61	Providing and fixing P.V.C. socket for rain water downpipe.		-	-
	a) 3" (75 mm) dia.	Each	95.04	319.44
	b) 4" (100 mm) dia.	Each	95.04	396.24
	c) 6" (150 mm) dia.	Each	95.04	645.84
13-62	Providing and fixing U-P.V.C bend of any degree for rain water down pipe with M.S. clamps bolts and nuts in cement concrete 1:2:4.		-	-
	a) 3" (75 mm) dia.	Each	1,044.00	1,859.80
	b) 4" (100 mm) dia.	Each	1,044.00	2,947.00
	c) 6" (150 mm) dia.	Each	1,044.00	3,281.80
13-63	Providing and fixing U-P.V.C offset of any degree for rain-water down pipe on walls with M.S. clamps, bolts and nuts in cement concrete 1:2:4.		-	-
	a) 3" (75 mm) dia.	Each	1,044.00	1,641.40
	b) 4" (100 mm) dia.	Each	1,044.00	1,766.22
	c) 6" (150 mm) dia.	Each	1,044.00	1,569.42
13-64	Providing and fixing 3/16" (5 mm) thick M.S. caps of approved size and shape on top of chimney of R.C.C. pipe including two coats of paint on priming coat.		-	-
	a) 4" (100 mm) dia.	Each	126.00	792.00
	b) 6" (150 mm) dia.	Each	126.00	798.00
13-65	Providing and fixing PVC caps of approved size and shape on top of chimney of R.C.C. pipe.		-	-
	a) 4" (100 mm) dia.	Each	126.00	337.20
	b) 6" (150 mm) dia.	Each	126.00	873.60
13-66	a) Extruded Polystyrene Rigid board with thickness 50 mm is installed	Sq.m	6.72	1,393.44
		Sq.ft	0.62	129.45
	b) Extruded Polystyrene Rigid board with thickness 38 mm is installed	Sq.m	5.21	1,171.41
		Sq.ft	0.48	108.83
	c) Extruded Polystyrene Rigid board with thickness 25 mm is installed	Sq.m	4.20	1,001.56
		Sq.ft	0.39	93.05

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
13-67	<p>Removing of existing brick tiles on roof, and Providing and laying water proofing treatment on roofs by applying cement slurry mixed with water proofing cement compound consisting of;</p> <p>a). Applying first layer of slurry of cement @ 0.488 kg/ sqm mixed with water proofing cement compound @ 0.253 kg/ sqm, after surface preparation,</p> <p>b).Laying second layer of fibre glass cloth when the first layer is still green. Overlaps of joints of fibre cloth should not be less than 10 cm,</p> <p>c). Third layer of 1.5 mm thickness consisting of slurry of cement @ 1.289 kg/ sqm mixed with water proofing cement compound @ 0.670 kg/ sqm and coarse sand @ 1.289 kg/sqm. This will be allowed to air cure for 4 hours followed by water curing for 48 hours. The entire treatment will be taken upto 30cm on parapet wall and tucked into groove in parapet all around.</p> <p>d) Fourth and final layer of removed brick tile with cement mortar</p>	Sq.m	822.24	1,766.48
		Sq.ft	76.39	164.11
13-68	<p>Providing and applying two coats of High Albedo paint having minimum Solar Reflective Index (SRI) 108 (with solar reflectance & thermal emittance tested as per ASTM) C 1549 and ASTM C 1371 respectively), The coating thickness and the methodology of application shall strictly as per manufacturer's specifications and as approved by engineer In charge. Surface preparation includes cleaning with metal wire brush to remove all dust, fungus etc., washing with water all complete. The contractor shall give guarantee for the performance of SRI and also the durability of coating, all complete as per direction of Engineer-in-charge (@ of atleast 0.5 litre per Sq.M.)</p>	Sq.m	123.90	578.25
		Sq.ft	11.51	53.72
13-69	<p>Providing and fixing Heat Resistant Terrace Tiles (300 mm x 300 mm x 20 mm) with SRI (solar refractive index) > 78, solar reflection > 0.70 and initial emittance > 0.75 on waterproof and sloped surface of terrace, laid on 20 mm thick cement sand mortar in the ratio of 1:4 (1 cement : 4 coarse sand) and grouting the joints with mix of white cement & marble powder in ratio of 1:1, including rubbing and polishing of the surface upto 3 cuts complete, including providing skirting upto 150 mm height along the parapet walls in the same manner.</p>	Sq.m	512.40	1,826.29
		Sq.ft	47.60	169.67

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 14

FLOORING

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-1	Providing and laying hand mixed cement concrete bed under floors using graded Crushed Aggregate upto 1-1/2" (37 mm) and down gauge complete with leveling, ramming, watering and curing.			
a)	1 : 3 : 6	Cu.m	3,061.92	13,317.94
		Cu.ft	86.70	377.12
b)	1 : 4 : 8	Cu.m	3,061.92	11,756.97
		Cu.ft	86.70	332.92
c)	1 : 5 : 10	Cu.m	3,061.92	10,958.48
		Cu.ft	86.70	310.31
14-2	a) Providing and laying 1:2:4 cement concrete floor using using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels including formwork, consolidation, finishing and curing.			
i)	1-1/2" (37mm) nominal thick flooring	Sq.m	270.60	710.73
		Sq.ft	25.14	66.03
ii)	2" (50 mm) nominal thick flooring	Sq.m	334.20	979.72
		Sq.ft	31.05	91.02
iii)	3" (75 mm) nominal thick flooring	Sq.m	406.20	1,286.45
		Sq.ft	37.74	119.52
iv)	4" (100 mm) nominal thick flooring	Sq.m	465.60	1,639.27
		Sq.ft	43.26	152.29
v)	5" (125 mm) nominal thick flooring	Sq.m	518.70	1,985.78
		Sq.ft	48.19	184.49
vi)	Extra if ordinary portland (grey cement) mixed with pigment of approved shade and color is used in topping of 1/8" (3mm) thickness	Sq.m	98.70	202.34
		Sq.ft	9.17	18.80
14-2	b) Providing and laying 1:2:4 cement concrete floor using crushed aggregate 3/4" (19mm) and down gauge in ground floor laid in panels using glass strips but excluding the cost of glass strips including consolidation, finishing and curing.		-	-
i)	1-1/2" (37mm) nominal thick flooring	Sq.m	253.80	693.93
		Sq.ft	23.58	64.47
ii)	2" (50 mm) nominal thick flooring	Sq.m	334.20	921.03
		Sq.ft	31.05	85.57
iii)	3" (75 mm) nominal thick flooring	Sq.m	406.20	1,286.45
		Sq.ft	37.74	119.52
14-2	c) Extra above item 14-2(a) and 14-2(b)	0.00	-	-
i)	Extra for basement	Sq.m	168.00	168.00
		Sq.ft	15.61	15.61
ii)	Extra for first floor	Sq.m	201.60	201.60
		Sq.ft	18.73	18.73
iii)	Extra for every additional floor above first floor	Sq.m	193.20	193.20
		Sq.ft	17.95	17.95
14-3	a) Extra for providing and using white cement instead of ordinary portland cement	Ton	-	13,200.00
b)	Extra for providing and laying 4" (100 mm) thick sand cushion under floor.	Sq.m	-	94.68
		Sq.ft	-	8.80
c)	Extra for providing and laying 2" (50 mm) thick sand cushion under floor.	Sq.m	-	52.07
		Sq.ft	-	4.84

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-4	Providing and laying terrazzo/mosaic floor in ground floor over 1" (25mm) thick base of 1:2:4 cement concrete using crushed aggregate 3/4" (19mm) and down grade laid in panels or approved pattern including formwork, curing, cutting, removing and polishing.		-	-
a)	1/4" (6mm) thick terrazzo topping 1:2 (one cement & 2 marble chips)	Sq.m	566.70	1,481.85
		Sq.ft	52.65	137.67
b)	3/8" (9mm) thick terrazzo topping 1:2 (one cement & 2 marble chips)	Sq.m	584.10	1,790.36
		Sq.ft	54.26	166.33
c)	1/2" (13mm) thick terrazzo topping 1:2 (one cement & 2 marble chips)	Sq.m	456.00	1,941.38
		Sq.ft	42.36	180.36
d)	3/4" (19mm) thick terrazzo topping 1:2 (one cement & 2 marble chips)	Sq.m	653.70	2,799.94
		Sq.ft	60.73	260.12
e)	Extra for colouring material for every 1/8" (3.2mm) thick terrazzo floor.	Sq.m	67.20	106.80
		Sq.ft	6.24	9.92
14-5	Providing and laying Conglomerate flooring (two coat work) having 1/2" (9mm) thick wearing surface comprising 1 part of cement & 2 parts of stone chips passing 3/16" sieve, over 1:3:6 concrete base using crushed aggregate laid in panels or approved pattern including formwork, curing, and surface finishing as approved by Engineer Incharge.		-	-
a)	1-1/2" (37mm) thick	Sq.m	723.30	1,041.43
		Sq.ft	67.20	96.75
b)	1-3/4" (45mm) thick	Sq.m	732.00	1,071.16
		Sq.ft	68.01	99.51
c)	2" (50mm) thick	Sq.m	874.80	1,253.37
		Sq.ft	81.27	116.44
14-6	Providing and laying floor 1:2:4 reinforced cement concrete using crushed aggregate 3/4" (19mm) and ground floor including formwork, consolidation, finishing and curing but excluding the cost of reinforcement.		-	-
a)	1-1/2" (37mm) nominal thick flooring	Sq.m	253.80	693.93
		Sq.ft	23.58	64.47
b)	2" (50 mm) nominal thick flooring	Sq.m	334.20	921.03
		Sq.ft	31.05	85.57
c)	3" (75 mm) nominal thick flooring	Sq.m	406.20	1,286.45
		Sq.ft	37.74	119.52
d)	Extra for first floor	Sq.m	67.20	67.20
		Sq.ft	6.24	6.24
e)	Extra for every additional floor above first floor	Sq.m	54.60	54.60
		Sq.ft	5.07	5.07
14-7-1	Providing and laying M.S. reinforcement bars including cutting, bending, binding, wastage, overlaps not shown on drawings and placing in position on cement concrete precast chairs, tying with binding wire including cost of binding wire in cement concrete floors in ground floor.	Ton	7,530.00	337,980.00
14-8-1	Providing and laying in ground floor 1.41 mm 18 BWG gauge expanded metal 3/4"x2.5" (19mm x 64mm) mesh as reinforcement including the cost of chairs, cutting, wastage, overlaps and binding wire.	Sq.m	69.60	1,670.94
		Sq.ft	6.47	155.24

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-9	Providing and laying super white 12"x12" marble tiles floor fine dressed on surface without winding in ground floor and laid over 1" (25mm) thick cement sand mortar 1:2 setting tiles with portland cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing including the cost of cement mortar.		-	-
a)	1/2" (13 mm) thick marble tiles floor	Sq.m	657.00	5,501.20
		Sq.ft	61.04	511.08
b)	3/4" (19 mm) thick marble tiles floor	Sq.m	657.00	5,805.70
		Sq.ft	61.04	539.37
c)	1" (25 mm) thick marble tiles floor	Sq.m	657.00	6,414.70
		Sq.ft	61.04	595.95
14-10	Deduct from item 14-9 above if Lasbela marble is used instead of super white marble		-	-
a)	1/2" (13 mm) thick marble tiles floor	Sq.m	-	3,800.16
		Sq.ft	-	353.05
b)	3/4" (19 mm) thick marble tiles floor	Sq.m	-	4,163.12
		Sq.ft	-	386.77
c)	1" (25 mm) thick marble tiles floor	Sq.m	-	1,012.60
		Sq.ft	-	94.07
14-11	Deduct from item 14-9 above if Badal marble is used instead of super white marble		-	-
a)	1/2" (13 mm) thick marble tiles floor	Sq.m	-	3,666.18
		Sq.ft	-	340.60
b)	3/4" (19 mm) thick marble tiles floor	Sq.m	-	4,171.65
		Sq.ft	-	387.56
c)	1" (25 mm) thick marble tiles floor	Sq.m	-	4,766.03
		Sq.ft	-	442.78
14-12-1	Providing and laying super white 3/4" (19mm) thick, 6"x12" size marble tiles floor fine dressed on surface without winding in ground floor and laid over 1" (25mm) thick cement sand mortar 1:2 setting tiles with portland cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing & polishing including the cost of cement mortar	Sq.m	657.00	2,760.70
		Sq.ft	61.04	256.48
14-13-1	Deduct from item 14-12-1 above if Lasbella marble is used instead of super white marble	Sq.m	-	426.30
		Sq.ft	-	39.60
14-14-1	Deduct from item 14-12-1 above if badal marble is used instead of super white marble	Sq.m	-	1,129.09
		Sq.ft	-	104.90
14-15-1	Providing and laying super white 1" (25mm) thick, marble floor in slabs exceeding 12"x12" marble size, fine dressed on surface without winding in ground floor and laid over 1" (25mm) thick cement sand mortar 1:2 setting tiles with portland cement slurry over cement mortar, jointing and washing the tiles with white cement slurry including curing, rubbing and polishing	Sq.m	657.00	7,632.70
		Sq.ft	61.04	709.10
14-16	Deduct from item 14-15-1 above if Lasbella marble is used instead of super white marble	Sq.m	-	4,295.89
		Sq.ft	-	399.10
14-17	Deduct from item 14-15-1 above if badal marble is used instead of super white marble	Sq.m	-	6,008.39
		Sq.ft	-	558.20
14-18-1	Providing and laying 1" (25mm) thick super white marble slab exceeding 12"x12" size kitchen top in white cement including all labour for grinding and polishing	Sq.m	652.80	6,783.60

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-19-1	Deduct from item 14-18-1 above if Lasbella marble slab is used instead of super white marble	Sq.ft	60.65	630.22
		Sq.m	-	4,295.89
		Sq.ft	-	399.10
14-20-1	Deduct from item 14-18-1 above if badal marble slab is used instead of super white marble	Sq.m	-	6,008.39
		Sq.ft	-	558.20
		Sq.ft	-	558.20
14-21-1	Providing and fixing copper clamps or panel dividing strips and/or dowel bars 1/4" (6 mm) dia of copper 1.21 mm thick 22 gauge of required length and shape for securing marble tiles/slabs in stairs/steps or in floor at any height.	Kg.	513.60	4,383.65
14-22-1	Extra for making nosing of treads as per design and/or as per instructions of the Engineer-in charge including grinding marble/marble chips and polishing etc.	R.M.	213.60	213.60
		R.ft	65.12	65.12
14-23	Deduct for laying floor of any description in cement mortar ratio other than cement mortar 1:2 in item no. 14-9 to 14-18 -1		-	-
a)	1 : 3	Sq.m	-	158.19
		Sq.ft	-	14.70
b)	1 : 4	Sq.m	-	240.99
		Sq.ft	-	22.39
14-24	Extra over item 14-9 to 14-22-1 for the description of work given below:		-	-
a)	1 : 3	Sq.m	208.80	208.80
		Sq.ft	19.40	19.40
b)	1 : 4	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
c)	Extra for first floor	Sq.m	58.80	58.80
		Sq.ft	5.46	5.46
d)	Extra for every additional floor above first floor	Sq.m	50.40	50.40
		Sq.ft	4.68	4.68
14-25 a)	Providing and laying 1/4" to 3/8" (6mm to 9mm) thick Glazed/ Matt tiles of any colour and size in ground floor laid over 1" (25mm) thick cement sand mortar base including jointing and washing the tiles with white cement slurry of matching color by using color pigment and curing.	Sq.m	730.80	2,995.52
		Sq.ft	67.89	278.29
b)	Extra for basement over item 14-25(a) above	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
c)	Extra for first floor over item 14-25(a) above	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
d)	Extra for every additional floor above first floor over item 14-25(a) above	Sq.m	25.20	25.20
		Sq.ft	2.34	2.34
14-26 a)	Providing and laying 3/4" (19mm) thick mosaic tiles 8"x 8" size with 3/8" (9mm) thick topping and base each in white cement with pigment of required color, shade and pattern in ground floor over 1" (25mm) thick cement sand mortar 1:2 including setting the tiles with portland cement slurry over cement sand jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & mortar cost.	Sq.m	579.00	2,529.93
		Sq.ft	53.79	235.04
b)	Same as item no.14-26(a) but using 1/2" (13 mm) thick mosaic tiles	Sq.m	579.00	2,466.93
		Sq.ft	53.79	229.19

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-27-1	Providing and laying 1" (25mm) thick mosaic tiles 12"x 12" size with 1/2" (13mm) thick topping and base each in white cement with pigment of required color, shade and pattern in ground floor over 1" (25mm) thick cement sand mortar 1:2 including setting the tiles with portland cement slurry over cement sand jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & the mortar cost.	Sq.m	527.40	2,545.41
		Sq.ft	49.00	236.48
14-28-1	Providing and laying 1-1/2" (37mm) thick mosaic tiles 16"x16" size with 1" (25mm) thick topping and 1/2" (13mm) thick base in white cement with pigment of required color, shade and pattern in ground floor over 1" (25mm) thick cement sand mortar 1:2 including setting the tiles with portland cement slurry over cement sand jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & the mortar cost	Sq.m	527.40	3,024.61
		Sq.ft	49.00	281.00
14-29-1	Providing and laying 3/4" (19mm) thick cement tiles floor 8"x8" size with 3/8" (9mm) thick topping in white cement with pigment of required color shade and/or flowered pattern in ground floor over 1" (25mm) thick cement sand mortar 1:2 including setting the tiles with portland cement slurry, jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & the mortar cost.	Sq.m	579.00	2,168.61
		Sq.ft	53.79	201.47
14-30-1	Providing and laying 1" (25mm) thick cement tiles floor 12"x12" size with 1/2" (13mm) thick topping in white cement with pigment of required color shade and/or flowered pattern in ground floor over 1" (25mm) thick cement sand mortar 1:2 including setting the tiles with portland cement slurry, jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & the mortar cost.	Sq.m	527.40	2,104.41
		Sq.ft	49.00	195.51
14-31-1	Providing and laying 1-1/2" (38mm) thick cement tiles floor 16"x16" size with 1/2" (13mm) thick topping in white cement with pigment of required color shade and/or flowered pattern in ground floor over 1" (25mm) thick cement sand mortar 1:2 including setting the tiles with portland cement slurry, jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & the mortar cost.	Sq.m	527.40	2,394.61
		Sq.ft	49.00	222.47
14-32	Extra over item No.14-26-1 to 14-31-1 for the description of work given below		-	-
a)	Extra for flooring in basement	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
b)	Extra for first floor	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
c)	Extra for every additional floor above first floor	Sq.m	25.20	25.20
		Sq.ft	2.34	2.34
14-33	Providing and laying floor of flexible polyvinyl chloride (P.V.C) tiles of Decora or any approved make and shade in ground floor including fixing with approved adhesive, 1-1/2" (37mm) thick sub base of 1:2:4 cement concrete and its curing.		-	-
a)	P.V.C. tiles 305 mm x 305 mm x 2 mm flooring	Sq.m	766.50	3,263.25
		Sq.ft	71.21	303.17
b)	P.V.C. tiles 305 mm x 305 mm x 3 mm flooring	Sq.m	766.50	3,335.07
		Sq.ft	71.21	309.84

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-34	Providing and laying floor of marble coloured flexible polyvinyl chloride (PVC) Royal quality tiles of Decora or any approved make and shade in ground floor including fixing with approved adhesive, 1-1/2" (37mm) thick sub base of 1:2:4 cement concrete & its curing.		-	-
a)	P.V.C. tiles 305 mm x 305 mm x 1.8 mm flooring	Sq.m	766.50	3,376.65
		Sq.ft	71.21	313.70
b)	P.V.C. tiles 305 mm x 305 mm x 3 mm flooring	Sq.m	766.50	3,293.49
		Sq.ft	71.21	305.98
14-35	Extra over item 14-33 to 14-34 for the detail of work given below:		-	-
a)	Extra for basement	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
b)	Extra for first floor	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
c)	Extra for every additional floor above first floor	Sq.m	37.80	37.80
		Sq.ft	3.51	3.51
14-36-1	Providing and laying floor of first class burnt bricks laid on edge and jointed in cement mortar 1:6 and pointed with cement sand mortar 1:3 in ground floor including curing.	Sq.m	662.40	2,247.30
		Sq.ft	61.54	208.78
14-37-1	Providing and laying floor of first class burnt bricks laid flat and jointed in cement mortar 1:6 and pointed with cement sand mortar 1:3 in ground floor including curing.	Sq.m	495.30	1,462.07
		Sq.ft	46.01	135.83
14-38-1	Providing and laying floor of first class burnt tiles 12"x6"x2" nominal size laid flat and jointed in cement mortar 1:6 and pointed with cement sand mortar 1:3 in ground floor including curing.	Sq.m	432.30	1,170.80
		Sq.ft	40.16	108.77
14-39-1	Providing and laying floor of first class burnt tiles 9"x4.5"x1.5" nominal size laid flat and jointed in cement mortar 1:6 and pointed with cement sand mortar 1:3 in ground floor including curing.	Sq.m	432.30	1,641.70
		Sq.ft	40.16	152.52
14-40-1	Providing and laying dry burnt bricks on edge and joints filled with sand in ground floor	Sq.m	242.85	1,469.62
		Sq.ft	22.56	136.53
14-41-1	Providing and laying dry burnt bricks laid flat and joints filled with sand in ground floor	Sq.m	196.65	967.72
		Sq.ft	18.27	89.90
14-42	Extra over Items No.14-37-1 to 14-41-1 for the detail of work given below		-	-
a)	Extra for flooring in basement	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
b)	Extra for stair/steps in treads, risers & landings	Sq.m	36.00	36.00
		Sq.ft	3.34	3.34
c)	Extra for first floor	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
14-43-1	Providing glass strips 1/4" (5 mm) thick and 1-1/2" (37.5 mm) wide for dividing the terrazo/mosaic flooring into panels. The cost of fixing is deemed to have been taken in composite rate of respective item.	R.M.	-	118.80
		R.ft	-	36.22
14-44-1	Providing, laying, watering and compacting brick ballast 2" (50 mm) and down gauge mixed with 25% sand for floor foundation.	Cu.m	1,347.00	3,449.89
		Cu.ft	38.14	97.69

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-45-1	Grouting dry brick laid upto 4-1/2" (115 mm) nominal thick brick work with cement sand mortar 1:5	Sq.m	127.20	322.03
		Sq.ft	11.82	29.92
14-46 a)	Grinding, rubbing and polishing of any kind of floor including filling the voids with same material and removing uneveness in surface	Sq.m	226.20	275.98
		Sq.ft	21.01	25.64
b)	Polishing old chips and marble tiles	Sq.m	197.10	279.00
		Sq.ft	18.31	25.92
c)	Extra over item 14-46 (a) & (b) for first floor	Sq.m	16.80	16.80
		Sq.ft	1.56	1.56
14-47	Providing and fixing best quality shisham wood block flooring in required pattern and cut to the required sizes in any floor including fixing on a layer of bitumen and sand mixed in the proportion of 10 kg./Sq.m. of bitumen with 0.1 Cu.m./10 Sq.m. sand laid over 3/4" (19mm) thick 1:4 cement sand mortar including curing		-	-
a)	1" (25 mm) nominal thick wooden floor	Sq.m	2,506.80	13,455.91
		Sq.ft	232.89	1,250.10
b)	1.25" (32 mm) nominal thick wooden floor	Sq.m	2,506.80	16,649.01
		Sq.ft	232.89	1,546.75
14-48	Providing and fixing best quality shesham wood flooring using planks including fixing with brass screws on deodar wood frame and battens 1.5" x 2" (37mm x 50mm) placed at 12" (300mm) c/c, spacers at filling the gap between planks and concrete base with bitumen and sand mixed in the ratio of 7.2 kg bitumen in 0.05 Cu.m. sand in any floor.		-	-
a)	1/2" (13 mm) nominal thick wooden floor	Sq.m	1,574.40	13,041.39
		Sq.ft	146.27	1,211.59
b)	3/4" (19 mm) nominal thick wooden floor	Sq.m	1,574.40	15,512.54
		Sq.ft	146.27	1,441.16
14-49	Providing and laying dado/skirting with cement sand mortar in ground floor including finishing smooth with a floating coat of neat cement, rounding corners and curing		-	-
a)	1/2" (13 mm) thick		-	-
i)	Cement sand mortar 1 : 2	Sq.m	452.10	796.26
		Sq.ft	42.00	73.97
ii)	Cement sand mortar 1 : 3	Sq.m	452.10	712.76
		Sq.ft	42.00	66.22
b)	3/4" (19 mm) thick		-	-
i)	Cement sand mortar 1 : 2	Sq.m	460.80	935.35
		Sq.ft	42.81	86.90
ii)	Cement sand mortar 1 : 3	Sq.m	460.80	813.33
		Sq.ft	42.81	75.56
c)	Extra if topping is not less than 1/16" (1.6 mm)thick of approved color and shade is used and pigment in grey cement is required	Sq.m	8.40	43.77
		Sq.ft	0.78	4.07
14-50	Providing and laying terrazzo dado/ skirting 7/8" (22mm) thick comprising 3/8" (9mm) thick topping 1:2 (one grey cement & two marble chips) in ground floor over 1/2" (13mm) thick cement sand mortar base 1:4 with grinding, rubbing, polishing & curing.		-	-
a)	7/8" (22 mm) dado/skirting	Sq.m	861.90	1,741.82
		Sq.ft	80.07	161.82
b)	Extra if 1/2" (13 mm) thick topping is used	Sq.m	23.10	233.57
		Sq.ft	2.15	21.70
c)	Extra if white cement is used for 1/8" (3.2 mm) terrazzo thickness	Sq.m	-	31.68

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
		Sq.ft	-	2.94
	d) Extra if color pigment is used for 1/8" (3.2 mm) terrazo thickness	Sq.m	16.80	56.40
		Sq.ft	1.56	5.24
14-51-1	Providing and laying dado/skirting 3/4" (19mm) thick comprising 1/4" (6mm) thick white cement plaster 1:3 as topping in ground floor over 1/2" (13mm) thick cement sand mortar 1:4 including finishing smooth & curing.	Sq.m	612.45	1,361.19
		Sq.ft	56.90	126.46
14-52	Providing and laying stone-lithic dado/skirthing 7/8" (22mm) thick comprising 3/8" (9mm) thick topping 1:3 using equal parts of 1/8" to 1/4" screenings without sand over 1/2" thick cement sand mortar base 1:4 in ground floor including curing, rubbing with carborandum stone & polishing.		-	-
	a) 7/8" (22 mm) stone lithic skirting	Sq.m	355.17	526.88
		Sq.ft	33.00	48.95
	b) Extra if 1/2" (13 mm) thick topping is used	Sq.m	32.97	51.64
		Sq.ft	3.06	4.80
14-53	a) Extra for dado/skirting of any description for basement floors over item No. 14-51 and 14-52	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
	b) Extra for dado/skirting of any description for first floor over item No. 14-51 and 14-52	Sq.m	50.40	50.40
		Sq.ft	4.68	4.68
	c) Extra for dado/skirting of any description for every additional floor over item No. 14-51 and 14-52	Sq.m	-	42.00
		Sq.ft	-	3.90
14-54	a) Providing and fixing 3/8" (9mm) thick super white marble tiles dressed on the surface in dado/skirting and facing in ground floor over 1/2" (13mm) thick base of cement sand mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry, curing, finishing, grinding, cleaning & polishing.	Sq.m	656.40	4,732.81
		Sq.ft	60.98	439.69
	b) Deduct from item 14-54(a) above if Lasbela marble is used instead of super white marble	Sq.m	-	3,577.27
		Sq.ft	-	332.34
	c) Deduct from item 14-54(a) above if Badal marble is used instead of super white marble	Sq.m	-	3,194.81
		Sq.ft	-	296.81
14-55	Extra for dado/skirting of any description		-	-
	a) Extra for basement	Sq.m	-	42.00
		Sq.ft	-	3.90
	b) Extra for first floor	Sq.m	58.80	58.80
		Sq.ft	5.46	5.46
	c) Extra for every additional floor above first floor	Sq.m	50.40	50.40
		Sq.ft	4.68	4.68
	d) Extra for every 10 ft (3 m) height or part thereof in external facing	Sq.m	369.60	369.60
		Sq.ft	34.34	34.34
14-56-1	Providing and laying ashlar, rough tooled or block in coursed stone facing upto 4" (100 mm) nominal thickness in cement mortar 1:3 upto a height of 10 ft (3 m) including curing on external face.	Sq.m	770.40	1,182.37
		Sq.ft	71.57	109.85
14-57-1	Providing and laying ashlar, fine stone facing upto 3" (75 mm) thick in cement mortar 1:3 upto a height of 10 ft (3 m) including curing on external face.	Sq.m	914.40	1,330.69
		Sq.ft	84.95	123.63

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-58-1	Providing and laying coursed rubble stone facing upto 4" (100mm) thick in cement mortar 1:3 upto a height of 10 ft (3 m) including curing on external face.	Sq.m	807.90	1,223.05
		Sq.ft	75.06	113.63
14-59-1	Providing and laying un-coursed rubble stone facing upto 4" (100mm) thick in cement mortar 1:3 upto a height of 10 ft (3m) including curing on external face	Sq.m	315.00	795.09
		Sq.ft	29.26	73.87
14-60-1	Providing and laying random rubble stone facing upto 4" (100mm) thick in cement mortar 1:3 upto a height of 10 ft (3 m) including curing on external face	Sq.m	817.50	1,268.94
		Sq.ft	75.95	117.89
14-61-1	Extra for every additional 10 ft (3 m) height or part thereof on external face work over item No. 14-56-1 to 14-60-1	Sq.m	774.00	774.00
		Sq.ft	71.91	71.91
14-62	Extra for providing and fixing iron lugs of required length and shape for securing stone facing with the wall surface of all kinds in any floor including	Kg.	595.35	1,042.99
14-63-1	the cost of making holes in the wall & grouting with cement mortar 1:2 Providing and fixing dowel bars 1/4" (6 mm) dia of required length and shape for securing marble wall lining on any surface in any floor including the cost of drilling holes in marble tiles and wall & grouting with cement mortar 1:2	Kg.	1,317.60	1,884.25
14-64 a)	Providing and fixing 1/4" to 3/8" (6mm to 9mm) thick Ceramic Glazed/Matt tiles (Prime Quality) of any colour and size, as directed by Engineer-in-Charge in dado/skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with white cement slurry of matching color, cleaning & curing.	Sq.m	417.60	2,299.12
		Sq.ft	38.80	213.60
b)	Extra for basement over item 14-64(a) above	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
c)	Extra for first floor over item 14-64(a) above	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
d)	Extra for every additional floor above first floor over item 14-64(a)	Sq.m	29.40	29.40
		Sq.ft	2.73	2.73
14-65 a)	Providing and laying 3/4"(19mm) thick mosaic tiles 6"x 6" size dado/skirting of approved design in any color, shade and pattern in ground floor over 3/8" thick base cement sand mortar 1:3 including setting the tiles with portland cement slurry over cement sand jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & mortar cost	Sq.m	673.50	2,285.23
		Sq.ft	62.57	212.31
b)	Extra for dado/skirting in basement	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
c)	Extra for dado/skirting in first floor	Sq.m	58.80	58.80
		Sq.ft	5.46	5.46
d)	Extra for dado/skirting in every additional floor above first floor	Sq.m	50.40	50.40
		Sq.ft	4.68	4.68
14-66 a)	Providing and fixing 3/4" (19mm) thick cement tiles 6"x 6" size, dado/skirting of approved design in any color, shade or flowered pattern in ground floor over 1/2" (13mm) thick cement sand mortar 1:3 including setting the tiles with portland cement slurry, jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & mortar cost	Sq.m	673.50	1,919.35
		Sq.ft	62.57	178.31
b)	Extra for dado/skirting in basement	Sq.m	42.00	42.00

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-67	c) Extra for dado/skirting in first floor	Sq.ft	3.90	3.90
		Sq.m	58.80	58.80
		Sq.ft	5.46	5.46
	d) Providing and fixing 3/4" (19mm) thick cement tiles 6"x 6" size, dado/skirting of approved design in any color, shade or flowered pattern in ground floor over 1/2" (13mm) thick cement sand mortar 1:3 including setting the tiles with portland cement slurry, jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & mortar cost	Sq.m	50.40	50.40
		Sq.ft	4.68	4.68
	Providing and fixing flexible Polyvinyl chloride (PVC) tiles dado/skirting of Decora or any approved make and shade in ground floor including fixing with approved adhesive including 1/2" (13mm) thick cement sand plaster base 1:3, finishing, cleaning & curing.		-	-
	a) P.V.C. tiles 305mm x 305mm x 2mm	Sq.m	461.40	2,675.92
		Sq.ft	42.87	248.60
	b) Marble colored P.V.C. tiles 305mm x 305mm x 1.8mm for dado/skirting	Sq.m	461.40	2,786.62
		Sq.ft	42.87	258.89
	c) Extra for dado/skirting in basement	Sq.m	154.56	154.56
		Sq.ft	14.36	14.36
	d) Extra for dado/skirting in first floor	Sq.m	167.16	167.16
		Sq.ft	15.53	15.53
	e) Extra for dado/skirting in every additional floor above first floor	Sq.m	163.80	163.80
		Sq.ft	15.22	15.22
14-68	Providing and laying 1:2:4 P.C.C roof screeding using crushed stone 3/4" (19mm) including formwork, consolidation, finishing and curing		-	-
	a) 1-1/2" (37.5mm) nominal thick P.C.C. roof screeding	Sq.m	284.13	724.26
		Sq.ft	26.40	67.29
	b) 2" (50mm) nominal thick P.C.C. roof screeding	Sq.m	350.91	996.43
		Sq.ft	32.60	92.57
	c) 3" (75mm) nominal thick P.C.C. roof screeding	Sq.m	426.51	1,306.76
		Sq.ft	39.62	121.40
	d) Extra for first floor	Sq.m	302.40	302.40
		Sq.ft	28.09	28.09
	e) Extra for every additional floor above first floor	Sq.m	146.16	146.16
		Sq.ft	13.58	13.58
14-69	Providing and laying glass strips upto 1" (25 mm) thick of any section in floors of any description.		-	-
	a) 3 mm thick	R.M.	60.63	157.55
		R.ft	18.49	48.03
	b) 5 mm thick	R.M.	60.63	170.34
		R.ft	18.49	51.93
14-70	Providing and laying 3/4"(19mm) thick Granite polished tiles of any size on floor of approved design in any color, shade and pattern in ground floor over 3/8" thick base cement sand mortar 1:3 including setting the tiles with portland cement slurry over cement sand jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & mortar cost.		-	-
	a) Granite black (local)	Sq.m	853.20	9,503.81
		Sq.ft	79.26	882.93
	b) Granite black (Danedar)	Sq.m	853.20	8,898.04
		Sq.ft	79.26	826.66

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
c)	Granite Tropical	Sq.m	853.20	4,855.44
		Sq.ft	79.26	451.09
d)	Granite Strawberry	Sq.m	853.20	15,190.66
		Sq.ft	79.26	1,411.26
e)	Granite Super white	Sq.m	853.20	19,616.50
		Sq.ft	79.26	1,822.43
f)	Granite baltic brown (Mylasian)	Sq.m	853.20	16,056.04
		Sq.ft	79.26	1,491.66
g)	Granite camel brown (Mylasian)	Sq.m	853.20	16,056.04
		Sq.ft	79.26	1,491.66
h)	Granite raw-silk (Mylasian)	Sq.m	853.20	16,056.04
		Sq.ft	79.26	1,491.66
i)	Granite blue per (Mylasian)	Sq.m	853.20	16,056.04
		Sq.ft	79.26	1,491.66
14-71 a)	Providing and laying 6-9mm thick Acid or Alkali Resistant tiles 12"x 12" size, on ground floor over 1" (25mm) thick cement sand mortar 1:2 including setting the tiles with portland cement slurry over cement sand including jointing and washing the tiles with acid proof cement slurry of matching color by using color pigment and curing	Sq.m	730.80	2,678.84
		Sq.ft	67.89	248.87
b)	Extra for basement over item 14-71(a) above	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
c)	Extra for first floor over item 14-71(a) above	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
d)	Extra for every additional floor above first floor over item 14-71(a) above	Sq.m	25.20	25.20
		Sq.ft	2.34	2.34
14-72 a)	Providing and fixing 6 - 9mm thick Acid or Alkali Resistant tiles 12"x 12" size, of any colour, in dado/skirting in ground floor over 1/2" (13mm) thick base of cement mortar 1:3, setting of tiles in slurry of grey cement over mortar base including filling the joints and washing the tiles with acid proof cement slurry of matching color, cleaning & curing.	Sq.m	647.10	2,197.38
		Sq.ft	60.12	204.14
b)	Extra for basement over item 14-72(a) above	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
c)	Extra for first floor over item 14-72(a) above	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
d)	Extra for every additional floor above first floor over item 14-72(a)	Sq.m	29.40	29.40
		Sq.ft	2.73	2.73
14-73 a)	Providing and laying Vitrified/ Porcelain tiles in floor with different sizes, Glazed or Matt, local or imported as directed by the Engineer-In-Charge, laid with 6mm thick layer of cement based high polymer modified quick set tile adhesive (water based) with a Base Price= Rs. 2250 per Sq.M. (It may be noted that reduction in the rate shall be made accordingly if the cost of purchase of tile is less than the base price).	Sq.m	1,008.00	3,950.08
		Sq.ft	93.65	366.97
b)	Extra for basement over item 14-73(a) above	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
c)	Extra for first floor over item 14-73(a) above	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
d)	Extra for every additional floor above first floor over item 14-73(a)	Sq.m	29.40	29.40
		Sq.ft	2.73	2.73

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
14-74 a)	Providing and laying Vitrified/ Porcelain tiles in dado/skirting on ground floor with different sizes, Glazed or Matt, local (master or equivalent as directed by the Engineer-In-Charge, laid with 6mm thick layer of cement based high polymer modified quick set tile adhesive (water based) with a Base Price= Rs. 2250 per Sq.M. (It may be noted that reduction in the rate shall be made accordingly if the cost of purchase of tile is less than the base price)	Sq.m	996.00	4,303.25
		Sq.ft	92.53	399.79
b)	Extra for basement over item 14-72(a) above	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
c)	Extra for first floor over item 14-72(a) above	Sq.m	42.00	42.00
		Sq.ft	3.90	3.90
d)	Extra for every additional floor above first floor over item 14-72(a)	Sq.m	29.40	29.40
		Sq.ft	2.73	2.73
14-75-1	Chemical Polish including grinding for marble, Granite etc. (for Maintaineous & Repair Works	Sq.m	139.20	261.00
		Sq.ft	12.93	24.25
14-76	Add extra for respective payable item of ground floor	% Increase	-	-
a)	Extra for first floor		-	10.00%
b)	Extra for every additional floor above first floor		-	7.50%

Government of Balochistan

Volume-1

Composite Schedule of Rates

SECTION - 15

FINISHING

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
15-1	Cement plaster using Coarse Sand on soffits of ceiling, cantilever slabs, sides and soffits of beams, in basement and ground floor including making edges, corners and curing.			
a)	1/2 inch (13mm) thick cement sand plaster			
i)	(1 : 2)1/2 inch (13mm) thick plaster	Sq.m	480.60	793.99
		Sq.ft	44.65	73.76
ii)	1 : 3	Sq.m	480.60	701.37
		Sq.ft	44.65	65.16
iii)	1 : 4	Sq.m	480.60	652.90
		Sq.ft	44.65	60.66
b)	3/8 inch (9.5 mm.) thick cement sand plaster		-	-
i)	1 : 2	Sq.m	480.60	704.45
		Sq.ft	44.65	65.45
ii)	1 : 3	Sq.m	480.60	638.30
		Sq.ft	44.65	59.30
iii)	1 : 4	Sq.m	480.60	603.67
		Sq.ft	44.65	56.08
c)	1/4 inch (6.4 mm.) thick cement sand plaster		-	-
i)	1 : 2	Sq.m	480.60	637.29
		Sq.ft	44.65	59.21
ii)	1 : 3	Sq.m	480.60	590.99
		Sq.ft	44.65	54.90
iii)	1 : 4	Sq.m	480.60	566.75
		Sq.ft	44.65	52.65
15-2	3/8 inch (9.5mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing.		-	-
i)	1 : 2	Sq.m	429.60	666.34
		Sq.ft	39.91	61.90
ii)	1 : 3	Sq.m	429.60	600.18
		Sq.ft	39.91	55.76
iii)	1 : 4	Sq.m	429.60	565.56
		Sq.ft	39.91	52.54
iv)	1 : 5	Sq.m	429.60	545.36
		Sq.ft	39.91	50.67
v)	1 : 6	Sq.m	429.60	535.09
		Sq.ft	39.91	49.71
15-3	1/2 inch (13mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing.		-	-
i)	Manual (Maximium Area 250 Sft)	Sq.m	438.30	764.84
		Sq.ft	40.72	71.06
ii)	1 : 3	Sq.m	438.30	672.22
		Sq.ft	40.72	62.45
iii)	1 : 4	Sq.m	438.30	623.75
		Sq.ft	40.72	57.95
iv)	1 : 5	Sq.m	438.30	595.47
		Sq.ft	40.72	55.32
v)	1 : 6	Sq.m	438.30	575.27

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
15-4	3/4 inch (19mm) thick cement plaster using Coarse Sand on walls and columns in basement, plinth and ground floor including making edges, corners and curing. i) 1 : 2 ii) 1 : 3 iii) 1 : 4 iv) 1 : 5 v) 1 : 6	Sq.ft	40.72	53.44
			-	-
		Sq.m	404.10	883.96
		Sq.ft	37.54	82.12
		Sq.m	404.10	745.73
		Sq.ft	37.54	69.28
		Sq.m	404.10	673.38
		Sq.ft	37.54	62.56
		Sq.m	404.10	631.18
		Sq.ft	37.54	58.64
15-5-1	Pebble dash plaster upto 10 m height above ground level with a mixture of washed pebble or crushed stone 6 mm to 12.5 mm nominal size, dashed over and including fresh plaster in two layers under layer 12 mm cement plaster 1:4 (1 cement : 4 coarse sand) and top layer 10 mm cement plaster with cement mortar 1:3 (1 cement : 3 fine sand) mixed with 10% finely ground hydrated lime by volume of cement	Sq.m	504.00	876.78
		Sq.ft	46.82	81.46
15-6-1	Extra for plaster of any description for every additional 5 ft.(1.5m.) height or part thereof beyond 15 ft. (4.5 m.)	Sq.m	29.40	30.28
		Sq.ft	2.73	2.81
15-7-1	Providing ornamental moulding of approved design at the junction of slabs and walls in cement sand mortar 1 : 3 using Coarse Sand with 1.125 inch (28.5mm) average thickness consisting of 1 inch (25mm) undercoat and 0.125 inch (3mm) thick finishing layer including curing in any floor	Sq.m	1,321.20	2,112.15
		Sq.ft	122.74	196.23
15-8-1	Providing and applying 3/4" (19mm) thick rough cast cement rendering comprising 3/8" (9.5mm) topping of 1 : 2 (one part cement & two part crushed aggregate 3/8" and down gauge) and base of 3/8" (9.5mm) thick rough plaster 1:4 in plinth and ground floor including finishing	Sq.m	351.30	714.65
		Sq.ft	32.64	66.39
15-9-1	Providing and applying 3/4" (19 mm) thick ornamental plaster with 1:3 cement sand mortar using Coarse Sand on walls, columns and slabs finished smooth in basement, plinth and first floor including curing	Sq.m	831.60	1,207.03
		Sq.ft	77.26	112.14
15-10-1	Making drip course 1/2"x 3/8" (13mm x 9.5mm) size under R.C.C. or cement concrete coping and sun shades in all floors including cost of cement sand mortar 1:3 using Coarse Sand and curing	R.M.	49.40	53.70
		R.ft	15.06	16.37
15-11-1	Making 1/2" (13mm) thick 1-1/2" to 2-1/2" (38mm to 64mm) wide plaster band with 1:3 cement sand mortar using Coarse Sand in all floors including curing.	R.M.	63.25	77.86
		R.ft	19.28	23.74

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
15-12-1	Making 1/2" (13mm) thick plaster band upto 4" (100mm) wide with 1:3 cement sand mortar using Coarse Sand in all floors including curing.	R.M.	77.10	104.84
		R.ft	23.51	31.96
15-13-1	Making 1/2" (13mm) thick 6" to 9" (150mm to 225mm) wide plaster band with 1:3 cement sand mortar using Coarse Sand in all floors including curing.	R.M.	94.90	145.43
		R.ft	28.93	44.34
15-14-1	Providing and mixing water proofing agent in cement mortar of any description in any floor	Kg	-	194.04
15-15-1	Providing and mixing retarding or wetting agent in cement sand mortar of any description in any floor	Kg	-	413.16
15-16-1	Extra if false pointing is required with lime/surkhi or pigment on plastered surface of any description in any floor.	Sq.m	184.80	199.99
		Sq.ft	17.17	18.58
15-17-1	Extra if ruled pointing is required to give stone appearance on plastered surface of any description in any floor	Sq.m	184.80	190.34
		Sq.ft	17.17	17.68
15-18-1	Extra if deep cut grooves of approved size and design are made on plastered surface of any description in any floor	Sq.m	277.20	285.52
		Sq.ft	25.75	26.53
15-19-1	Extra for using washing soda in cement mortar of any description.	Kg	-	268.27
15-20-1	Providing and mixing pigment in cement mortar of any description in any floor.	Kg	-	167.90
15-21	Extra for plaster of any description for overhead tank.		-	-
a)	Upto 6 m. height.	Sq.m	179.40	184.78
		Sq.ft	16.67	17.17
b)	Extra for every additional 5 ft.(1.5 m) height or part thereof	Sq.m	165.90	170.88
		Sq.ft	15.41	15.88
15-22	Providing and fixing expanded metal or wire net lathing with 3/4" (19mm) cement plaster 1:4 using Coarse Sand in three layers including curing in any floor.		-	-
a)	With expanded metal 3/4" x 2-1/2" - 12 gauge (19mmx64mmx2.17mm)	Sq.m	1,118.40	3,706.25
		Sq.ft	103.90	344.32
b)	With wire netting 1-1/2" (38mm) mesh - 18 gauge (1.4mm) thick	Sq.m	772.80	3,036.05
		Sq.ft	71.80	282.06
15-23-1	Providing and applying 1/2" (13mm) thick 1 : 3 cement sand mortar under coat with mortar of plaster of paris or gypsum plaster in basement and ground floor including curing	Sq.m	438.30	665.79
		Sq.ft	40.72	61.85
15-24	Providing and fixing gypsum board with wire nails to wooden frame to receive gypsum plaster finishing coat in basement and ground floor but excluding the cost of wooden frame.		-	-
a)	1/4" (6.4 mm) thick gypsum board	Sq.m	422.40	827.04
		Sq.ft	39.24	76.83
b)	3/8" (9.5 mm) thick gypsum board	Sq.m	422.40	900.12
		Sq.ft	39.24	83.62
c)	1/2" (13 mm) thick gypsum board	Sq.m	422.40	973.20
		Sq.ft	39.24	90.41

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
15-25-1	Providing and fixing insulating fibre board 1/2" (13 mm) thick with wire nails to wooden frame to receive gypsum plaster finishing coat in basement and ground floor but excluding the cost of wooden frame.	Sq.m	422.40	8,511.78
		Sq.ft	39.24	790.77
15-26	Providing and applying 1/4" (6.4mm) thick gypsum plaster over a prepared base coat in basement and ground floor but excluding the cost of base coat. a) 1 : 4 (1 gypsum & 4 lime)	Sq.m	-	-
		Sq.ft	-	-
		Sq.m	172.20	410.95
		Sq.ft	16.00	38.18
	b) 1 : 3 (1 gypsum & 3 lime)	Sq.m	172.20	415.00
		Sq.ft	16.00	38.55
		Sq.m	-	-
		Sq.ft	-	-
15-27	Providing and applying cement plaster 1:2 using Coarse Sand with curing a) 1/4" (6.4 mm) thick	Sq.m	186.30	342.62
		Sq.ft	17.31	31.83
		Sq.m	186.30	498.94
		Sq.ft	17.31	46.35
15-28-1	Providing and laying 2" (50mm) thick stucco cement plaster 1:2:4 (1 cement, 2 sand, 4 crush 1/2" and down gauge) using Coarse Sand in basement and ground floor including curing.	Sq.m	509.10	1,166.43
		Sq.ft	47.30	108.37
15-29	Providing and laying machine sprayed plaster using cement and zero number marble chips over a prepared roughened base coat in basement and ground floor but excluding the cost of base coat. a) 1 : 1 (one cement and one marble chips) i) 1/2" Thick ii) 1/4" Thick b) 1 : 1.5 (one cement and one & half marble chips) i) 1/2" Thick ii) 1/4" Thick c) 1 : 2 (one cement and two marble chips) i) 1/2" Thick ii) 1/4" Thick		-	-
		Sq.m	153.00	941.46
		Sq.ft	14.21	87.46
		Sq.m	153.00	549.17
		Sq.ft	14.21	51.02
		Sq.m	-	-
		Sq.m	153.00	930.46
		Sq.ft	14.21	86.44
		Sq.m	153.00	543.65
		Sq.ft	14.21	50.51
			-	-
		Sq.m	153.00	923.13
		Sq.ft	14.21	85.76
		Sq.m	153.00	539.96
		Sq.ft	14.21	50.16
15-30-1	Providing floating coat of cement 1/32" (0.8 mm) thick including curing.	Sq.m	168.60	233.59
		Sq.ft	15.66	21.70
15-31	Providing gobri leeping upto 1/8 inches (3.2mm) thick mixed with cowdung and clay using one part cowdung and one part clay at any height and in anv floor a) On walls b) Over floor or roof		-	-
		Sq.m	43.35	43.99
		Sq.ft	4.03	4.09
		Sq.m	31.80	32.44
		Sq.ft	2.95	3.01

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
15-32	Mud plaster on walls mixed with cowdung, bhoosa and clay 1:1:2 (one part cowdung, one part bhoosa weighing 80 kg./cu.m. and two parts clay) in basement, plinth and ground floor.		-	-
a)	1/2" (13 mm) thick	Sq.m	188.70	215.63
		Sq.ft	17.53	20.03
b)	3/4" (19 mm) thick	Sq.m	205.50	243.57
		Sq.ft	19.09	22.63
c)	1" (25 mm) thick	Sq.m	226.65	275.99
		Sq.ft	21.06	25.64
d)	1.25" (32 mm) thick	Sq.m	247.80	308.41
		Sq.ft	23.02	28.65
15-33	Mud plaster on floor mixed with cowdung, bhoosa and clay 1:1:2 (one part cowdung, one part bhoosa weighing 80 kg./cu.m. and two parts clay) in basement, plinth and ground floor.		-	-
a)	1/2" (13 mm) thick	Sq.m	174.90	200.54
		Sq.ft	16.25	18.63
b)	3/4" (19 mm) thick	Sq.m	183.00	219.48
		Sq.ft	17.00	20.39
c)	1" (25 mm) thick	Sq.m	204.15	251.79
		Sq.ft	18.97	23.39
d)	1.25" (32 mm) thick mud plaster	Sq.m	225.30	284.11
		Sq.ft	20.93	26.39
e)	Extra over item 15-33 (a to d) for roof	Sq.m	73.20	73.20
		Sq.ft	6.80	6.80
15-34	Extra for plaster work of any description on first floor.		-	-
a)	Upto 1/2 inch (13 mm) thick	Sq.m	206.85	213.06
		Sq.ft	19.22	19.79
b)	Above 1/2 inch (13 mm) and upto 1 inch (25 mm) thick	Sq.m	220.35	226.96
		Sq.ft	20.47	21.09
c)	Above 1 inch (25 mm) thick	Sq.m	287.40	296.02
		Sq.ft	26.70	27.50
15-35	Extra for every additional floor above first floor for plaster work of any description.		-	-
a)	Upto 1/2 inch (13 mm) thick	Sq.m	179.85	185.25
		Sq.ft	16.71	17.21
b)	Above 1/2 inch (13 mm) and upto 1 inch (25 mm) thick	Sq.m	193.35	199.15
		Sq.ft	17.96	18.50
c)	Above 1 inch (25 mm) thick	Sq.m	202.50	208.58
		Sq.ft	18.81	19.38
15-36	Pointing on brick work with cement sand mortar in plinth and ground floor including raking out joints and curing		-	-
a)	Flush pointing in cement sand mortar		-	-
i)	1 : 2	Sq.m	396.60	454.32
		Sq.ft	36.85	42.21
ii)	1 : 3	Sq.m	396.60	436.19
		Sq.ft	36.85	40.52
b)	Deep ruled pointing in cement sand mortar		-	-

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	i) 1 : 2	Sq.m	510.60	637.99
		Sq.ft	47.44	59.27
	ii) 1 : 3	Sq.m	510.60	604.87
		Sq.ft	47.44	56.19
	c) Tuck or weather struck pointing in cement sand mortar		-	-
	i) 1 : 2	Sq.m	405.60	529.84
		Sq.ft	37.68	49.22
	ii) 1 : 3	Sq.m	405.60	496.72
		Sq.ft	37.68	46.15
	d) Extra for first floor	Sq.m	29.40	29.40
		Sq.ft	2.73	2.73
	e) Extra for every additional floor above first floor.	Sq.m	21.00	21.00
		Sq.ft	1.95	1.95
15-37	Pointing on cement concrete block work with cement sand mortar in		-	-
	plinth and ground floor including raking out joints and curing		-	-
	a) Flush pointing in cement sand mortar		-	-
	i) 1 : 2	Sq.m	287.40	333.38
		Sq.ft	26.70	30.97
	ii) 1 : 3	Sq.m	287.40	322.34
		Sq.ft	26.70	29.95
	b) Deep ruled pointing in cement sand mortar		-	-
	i) 1 : 2	Sq.m	350.40	444.97
		Sq.ft	32.55	41.34
	ii) 1 : 3	Sq.m	350.40	420.13
		Sq.ft	32.55	39.03
	c) Tuck or weather struck pointing in cement sand mortar		-	-
	i) 1 : 2	Sq.m	413.40	509.86
		Sq.ft	38.41	47.37
	ii) 1 : 3	Sq.m	413.40	485.02
		Sq.ft	38.41	45.06
	d) Extra for first floor	Sq.m	25.20	25.20
		Sq.ft	2.34	2.34
	e) Extra for every additional floor above first floor.	Sq.m	21.00	21.00
		Sq.ft	1.95	1.95
15-38	Pointing on stone work with cement sand mortar using Coarse Sand		-	-
	in plinth and ground floor including raking out joints and curing		-	-
	a) Flush pointing in cement sand mortar		-	-
	i) 1 : 2	Sq.m	341.70	457.13
		Sq.ft	31.74	42.47
	ii) 1 : 3	Sq.m	341.70	423.02
		Sq.ft	31.74	39.30
	b) Deep ruled pointing in cement sand mortar		-	-
	i) 1 : 2	Sq.m	404.70	537.45
		Sq.ft	37.60	49.93
	ii) 1 : 3	Sq.m	404.70	498.22
		Sq.ft	37.60	46.29
	c) Tuck or weather struck pointing in cement sand mortar		-	-

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
i) 1 : 2		Sq.m	467.70	610.61
		Sq.ft	43.45	56.73
ii) 1 : 3		Sq.m	467.70	572.53
		Sq.ft	43.45	53.19
d) Raised or cut pointing in cement sand mortar			-	-
i) 1 : 2		Sq.m	530.70	680.76
		Sq.ft	49.30	63.25
ii) 1 : 3		Sq.m	530.70	636.42
		Sq.ft	49.30	59.13
e) Extra for mixing pigment of required colour		Sq.m	16.80	41.52
		Sq.ft	1.56	3.86
f) Extra for first floor		Sq.m	84.00	84.00
		Sq.ft	7.80	7.80
g) Extra for every additional floor above first floor.		Sq.m	67.20	67.20
		Sq.ft	6.24	6.24
15-39-1 Extra for ceiling plaster of any description in any floor for every 5 ft (1.5m) height or part thereof beyond 15 ft (4.5m) height		Sq.m	119.50	168.40
		Sq.ft	11.10	15.64
15-40-1 Extra for wall plaster or pointing of any description in any floor for every 5 ft (1.5m) height or part thereof beyond 15 ft (4.5m) height			-	-
			-	-
a) For assembling, removal and clearance:			-	-
			-	-
b) For compensating progress of work, carrying material and curing		Sq.m	130.73	235.12
		Sq.ft	12.15	21.84
15-41-1 Petty repairs, after removing the loose matter, to fire places, ceiling, soffits, walls, columns, beams and verandah including preparing surface and curing.		Sq.m	307.73	500.96
		Sq.ft	28.59	46.54
15-42 Removing mud plaster & disposing of the rubbish.			-	-
			-	-
a) From walls		Sq.m	33.60	34.61
		Sq.ft	3.12	3.22
b) From roof		Sq.m	25.20	25.96
		Sq.ft	2.34	2.41
15-43-1 Removing cement or lime plaster of any thickness from ceiling and disposing of the rubbish in any floor		Sq.m	87.00	89.61
		Sq.ft	8.08	8.33
15-44 Plastering in patches in cement sand mortar 1:4 including curing and scraping old damaged portions in regular shape and removal of rubbish from the site in ground floor			-	-
			-	-
a) 3/8 inch (9 mm) thick plastering		Sq.m	516.60	639.67
		Sq.ft	47.99	59.43
b) 1/2 inch (13 mm) thick plastering		Sq.m	533.70	706.00
		Sq.ft	49.58	65.59
c) 3/4 inch (19 mm) thick plastering		Sq.m	516.30	699.07
		Sq.ft	47.97	64.95
d) 1 inch (25 mm) thick plastering		Sq.m	637.95	995.61
		Sq.ft	59.27	92.50

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	e) Extra for patch plaster and finishing of any description on external face item.	Sq.m	53.40	55.00
		Sq.ft	4.96	5.11
	f) Extra for patch plaster and finishing of any description in basement and first floor.	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
	g) Extra for patch plaster and finishing of any description in every additional floor above first floor.	Sq.m	25.20	25.20
		Sq.ft	2.34	2.34
15-45	Supply and fixing of National tiles facing strips/chequered tiles on the plastered surface on exterior faces of building including labour, scaffoldings and removal of debris etc.		-	-
	a) Glazed strip tiles	Sq.m	606.60	1,654.01
		Sq.ft	56.36	153.66
	b) Unglazed strip tiles	Sq.m	606.60	1,526.12
		Sq.ft	56.36	141.78
	c) Rough glazed strip tiles	Sq.m	606.60	1,590.06
		Sq.ft	56.36	147.72
15-46	Extra over respective payable items of ground floor		-	-
	a) For first floor		-	10.00%
	b) For every additional floor above first floor		-	7.50%
15-47-1	Providing and fixing partitions upto ceiling height consisting of G.I frame and required board: 75 mm overall thickness of partition with 12.5 mm thick Plain Gypsum Board	Sq.m	1,415.13	3,276.77
		Sq.ft	131.47	304.42
15-48-1	Providing and fixing of 2 mm thick corrugated (2.5" or 4.2" or 6") or step-down (2"or3"or 6") UV Stabilized Fiber Glass Reinforced Plastic Sheet roofing upto required pitch i/c fixing J or L hooks, bolts & nuts 8 mm dia. as specified	Sq.m	305.87	4,500.76
		Sq.ft	28.42	418.14
15-49 a)	Providing and fixing of 2 mm thick Flat UV Stabilized Fiber Glass Reinforced Plastic Sheet roofing upto required pitch i/c fixing J or L hooks, bolts & nuts 8 mm dia. as specified	Sq.m	305.87	3,825.60
		Sq.ft	28.42	355.41
	b) Providing and fixing of Heat Resistant Clear Poly Carbonate roof and window Shades in any colour and size i/c fixing MS frame and Supports as specified.	Sq.m	1,046.40	4,897.92
		Sq.ft	97.21	455.03
15-50-1	P/L tiled false ceiling of size 595x595 mm metal grid of hot dipped galvanized steel sections.. GI Metal Ceiling Lay in plain Tegular edge Global white color tiles of size 595x595 mm with 20% area perforations	Sq.m	483.84	4,201.38
		Sq.ft	44.95	390.32
15-51	Providing and laying 3/4"(19mm) thick Granite polished slab including nosing on Kitchen and other tops of approved design over 3/8" thick base cement sand mortar 1:3 including setting the tiles with portland cement slurry over cement sand jointing and washing the tiles with cement slurry of matching color including grinding, rubbing, polishing & mortar cost		-	-
	a) Granite black (local)	Sq.m	853.20	9,503.81
		Sq.ft	79.26	882.93
	b) Granite black (China)	Sq.m	853.20	8,898.04

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		Sq.ft	79.26	826.66
c)	Granite Red Rubi (Indian)	Sq.m	853.20	4,855.44
		Sq.ft	79.26	451.09
d)	Granite Red chilli (Mylasian)	Sq.m	853.20	15,190.66
		Sq.ft	79.26	1,411.26
e)	Granite Galaxy Black (Indian)	Sq.m	853.20	19,616.50
		Sq.ft	79.26	1,822.43
f)	Granite baltic brown (Mylasian)	Sq.m	853.20	16,056.04
		Sq.ft	79.26	1,491.66
g)	Granite camel brown (Mylasian)	Sq.m	853.20	16,056.04
		Sq.ft	79.26	1,491.66
h)	Granite raw-silk (Mylasian)	Sq.m	853.20	16,056.04
		Sq.ft	79.26	1,491.66
i)	Granite blue per (Mylasian)	Sq.m	853.20	16,056.04
		Sq.ft	79.26	1,491.66
j)	Extra for Wall Clading using S.S studs or other anchorage techniques		-	15%
15-52	Providing and applying 0.75" (15 mm) thick cement sand plaster with Putzmeister plastering machine on walls, columns and slabs finished smooth in basement, plinth and first floor.	Sq.m	-	-
a)	1 : 2	Sq.m	152.46	653.07
		Sq.ft	14.16	60.67
b)	1 : 3	Sq.m	429.60	799.60
		Sq.ft	39.91	74.29
c)	1 : 4	Sq.m	429.60	726.89
		Sq.ft	39.91	67.53
d)	1 : 5	Sq.m	429.60	684.48
		Sq.ft	39.91	63.59
e)	1 : 6	Sq.m	429.60	654.18
		Sq.ft	39.91	60.78

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
15-53-1	Designing, fabricating, testing, installing and fixing in position Curtain Wall with Aluminium Composite Panel Cladding, with open grooves for linear as well as curvilinear portions of the building , for all heights and all levels etc. including: a) Structural analysis & design and preparation of shop drawings for pressure equalisation or rain screen principle as required, proper drainage of water to make it watertight including checking of all the structural and functional design. b) Providing, fabricating and supplying and fixing panels of aluminium composite panel cladding in pan shape in metallic colour of approved shades made out of 4mm thick aluminium composite panel material consisting of 3mm thick FR grade mineral core sandwiched between two Aluminium sheets (each 0.5mm thick). The aluminium composite panel cladding sheet shall be coil coated, with PVDF / Lumiflon based fluoropolymer resin coating of approved colour and shade on face # 1 and polymer (Service) coating on face # 2 as specified using stainless steel screws, nuts, bolts, washers, cleats, weather silicone sealant, backer rods etc. c) The fastening brackets of Aluminium/MS with Hot Dip Galvanised with serrations and serrated washers to arrest the wind load movement, fasteners, SS 316 Pins and anchor bolts of approved make in SS 316, Nylon separators to prevent bi-metallic contacts all complete required to perform as per specification and drawing The item includes cost of all material & labour component, the cost of all mock ups at site, cost of all samples of the individual components for testing in an approved laboratory, field tests on the assembled working curtain wall with aluminium composite panel cladding, cleaning and protection of the curtain wall with aluminium composite panel cladding till the handing over of the building for occupation. Base frame work for ACP cladding is payable under the relevant aluminium item.s The Contractor shall provide curtain wall with aluminium composite panel cladding, having all the performance	Sq.m	2,254.55	8,839.85
		Sq.ft	209.45	821.25
15-54	Extra for Plaster of height above 12 ft but upto 24 ft on Ground Floor only	Cu.m		15%
15-55	Providing and Fixing 3/4"(19mm) thick Sand Stone (Gadab Stone) on interior and exterior wall and cladding including with cement sand mortar 1:3 complete in all respects.			
a)	Sand Stone (Gadab Stone)	Sq.m	853.20	5,376.96
		Sq.ft	79.26	499.54
15-56	Providing and Fixing 3/4"(19mm) thick Sand Stone (Zhob Stone) on interior and exterior wall and cladding including with cement sand mortar 1:3 complete in all respects.		-	-
a)	Sand Stone (Zhob Stone)	Sq.m	853.20	3,572.62
		Sq.ft	79.26	331.91

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
15-56-1	Providing, assembling and supplying vision glass panels (IGUs) comprising of hermetically-sealed 6-12- 6 mm insulated glass (double glazed) vision panel units of size and shape as required and specified, comprising of an outer heat strengthened float glass 6mm thick, of approved colour and shade with reflective soft coating on surface # 2 of approved colour and shade, an inner Heat strengthned clear float glass 6mm thick, spacer tube 12mm wide, dessicants, including primary seal and secondary seal (structural silicone sealant) etc. all complete for the required performances, as per the Architectural drawings, as per the approved shop drawings, as specified and as directed by the Engineer-in-Charge. The IGUs shall be assembled in the factory/ workshop of the glass processor. (Payment for fixing of IGU Panels in the curtain glazing is included in cost of item No.26.2) For payment, only the actual area of glass on face # 1 of the glass panels (excluding the areas of the grooves and weather silicone sealant) provided and fixed in position, shall be measured in sqm. (i) Coloured tinted float glass 6mm thick substrate with reflective soft coating on face # 2, + 12mm Airgap + 6mm Heat Strengthened clear Glass of approved make having properties as visible Light transmittance (VLT) of 25 to 35 %, Light reflection internal 10 to 15%, light reflection external 10 to 20 %, shading coefficient (0.25- 0.28) and U value of 3.0 to 3.3 W/m2 degree K etc. The properties of performance glass shall be decided by technical sanctioning authority as per the site requirement.		6,297.60	9,593.64
15-57	Providing and Fixing Face work with brick tiles (Gutka) on interior, exterior wall with cement sand mortar 1:3 includings ties and scaffolding complete in all respects.	Sq.m		
a)	2"x 2" x 9"		853.20	3,259.41
b)	3"x 3" x 9"		853.20	2,838.92
15-58	Providing and fixing Gypsum Board false ceiling of approved size and texture consisting of imported powder coated aluminum angle and tee framing (size 1" x 1") hunged by approved suspension system, including provision of extra framing for lights fittings, A/C diffusers and around columns, etc, complete in all respectas directed by the Engineer		-	-
a)	1/4" (6.4 mm) thick laminated gypsum board	Sq.m	211.20	1,367.88
		Sq.ft	19.62	127.08
b)	1/2" thick laminated gypsum board	Sq.m	211.20	1,435.92
		Sq.ft	19.62	133.40
15-59	Providing and fixing Gypsum Board false ceiling of approved size and shape chunged by approved suspension system, including provision of extra framing for lights fittings, A/C diffusers and around columns, etc, complete in all respectas directed by the Engineer.		-	-
a)	1/2"-3/4"(13 mm) thick 2' x 2' gypsum board	Sq.m	211.20	4,293.60
		Sq.ft	19.62	398.89
15-60	Providing and fixing Corian any size on tops of approved design in any color, shade and pattern in ground floor.		-	-
a)	Plain	Sq.m	530.40	11,669.01
		Sq.ft	49.28	1,084.09
b)	Textured	Sq.m	530.40	15,999.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
15-61	Providing and fixing PVC wall Panelling 9" wide and 10 ft long including all accessories of approved design in any color, shade and pattern in ground floor.	Sq.ft	49.28	1,486.36
		Sq.m	540.00	1,620.45
		Sq.ft	50.17	150.54

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SECTION - 16

WOOD AND PLASTIC WORK

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
16-1	Providing and fixing plain wood work sawn, wrought planed in repair and replacement work including cost of nails and screws.			
a)	Deodar wood	Cu.m	63,558.00	582,197.21
		Cu.ft	1,799.76	16,485.97
b)	Shisham wood	Cu.m	108,472.32	477,495.15
		Cu.ft	3,071.59	13,521.14
c)	Kail wood	Cu.m	63,558.00	298,727.13
		Cu.ft	1,799.76	8,459.00
16-2	Providing plain wood work for regulation carries or needles including sawing, planing, wroughting, also providing & fixing steel strip end rods.		-	-
a)	Deodar wood	Cu.m	31,318.43	484,028.93
		Cu.ft	886.84	13,706.16
b)	Shisham wood	Cu.m	36,016.20	387,954.64
		Cu.ft	1,019.86	10,985.64
c)	Kail wood	Cu.m	31,318.43	259,831.84
		Cu.ft	886.84	7,357.61
16-3	Providing and fixing First class wood frames of required size for doors, windows, ventilators, clerestory windows, shelves, partitions, trellis (Jafri) work.		-	-
a)	Deodar wood frame	Cu.m	16,937.94	487,269.90
		Cu.ft	479.63	13,797.93
b)	Shisham wood frame	Cu.m	25,531.85	375,183.93
		Cu.ft	722.98	10,624.02
16-4	Providing and fixing First class wood built in frame of required size with 1/2" (13mm) thick beading as stopper of the same for doors, windows, ventilators, windows, shelves and partitions.		-	-
a)	Deodar wood frame	C.M	17,651.94	518,028.08
		Cu.ft	499.85	14,668.91
b)	Kail wood frame	Cu.m	17,651.94	271,090.94
		Cu.ft	499.85	7,676.43
c)	Teak wood frame	Cu.m	17,651.94	441,575.41
		Cu.ft	499.85	12,504.01
16-5	Providing, fixing and hoisting First class wood wrought and framed in trusses and other roof scantlings including all necessary iron work for fixing and anchoring in position.		-	-
a)	Deodar wood	Cu.m	76,769.49	620,258.91
		Cu.ft	2,173.87	17,563.76
b)	Kail wood	Cu.m	86,053.25	381,005.04
		Cu.ft	2,436.75	10,788.85
16-6-1	Providing fixing and laying First class shisham wood of required section sawn and framed for dunnage with necessary iron work.	Cu.m	4,449.06	361,395.49
		Cu.ft	125.98	10,233.57
16-7	Providing and fixing First class deodar wood shutters fully panelled with same wood and fixed with approved brass hinges and tower bolts.		-	-
a)	2" (50 mm) thick fully panelled shutters.	Sq.m	2,852.27	23,972.63
		Sq.ft	264.98	2,227.13
b)	1.75" (44 mm) thick fully panelled shutters.	Sq.m	2,852.27	22,045.84
		Sq.ft	264.98	2,048.13
c)	1.5" (38 mm) thick fully panelled shutters.	Sq.m	2,852.27	20,758.99
		Sq.ft	264.98	1,928.58
d)	1.25" (32 mm) thick fully panelled shutters.	Sq.m	2,852.27	17,942.18
		Sq.ft	264.98	1,666.88
16-8	Providing and fixing 1.5" (38 mm) thick fully panelled First class deodar wood shutter fixed with ply/ hard board/ chip board/ Cement Fibre sheet and with approved nickle plated hinges and tower bolts.		-	-

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
a)	Fixed with 5 ply (6 mm) teak wood ply	Sq.m	977.77	13,504.46
		Sq.ft	90.84	1,254.61
b)	Fixed with 3 ply (3 mm) teak wood ply	Sq.m	977.77	22,718.70
		Sq.ft	90.84	2,110.64
c)	Fixed with 5/16" (8 mm) thick hard board.	Sq.m	977.77	12,384.30
		Sq.ft	90.84	1,150.54
d)	Fixed with 1/4" (6 mm) thick hard board.	Sq.m	977.77	12,805.29
		Sq.ft	90.84	1,189.65
e)	Fixed with 3/16" (5 mm) thick hard board.	Sq.m	977.77	12,551.05
		Sq.ft	90.84	1,166.03
f)	Fixed with 1/2" (13 mm) thick chip board (500 Kg./cu.m.)	Sq.m	977.77	16,344.70
		Sq.ft	90.84	1,518.47
g)	Fixed with 5 ply (6 mm) commercial ply	Sq.m	977.77	13,038.35
		Sq.ft	90.84	1,211.30
h)	Fixed with 3 ply (3 mm) commercial ply	Sq.m	977.77	12,773.51
		Sq.ft	90.84	1,186.70
16-8i)	Fixed with 1/4" (6 mm) thick plain Cement Fibre sheet.	Sq.m	977.77	12,605.76
		Sq.ft	90.84	1,171.11
16-9	Providing and fixing First class deodar wood shutters fully glazed with glass of approved quality and approved brass hinges, tower bolts, deodar wood beading and putty packing to glasses as required.		-	-
a)	2" (50 mm) thick fully glazed shutters with 1/4" (6 mm) thick plain imported glass.		-	-
i)	Glass to be provided	Sq.m	2,452.30	18,755.18
		Sq.ft	227.83	1,742.41
ii)	Glass not included	Sq.m	2,031.52	16,472.99
		Sq.ft	188.73	1,530.39
b)	1.75" (44 mm) thick fully glazed shutters with 1/4" (6mm) thick plain imported glass		-	-
i)	Glass to be provided	Sq.m	2,452.30	17,393.94
		Sq.ft	227.83	1,615.95
ii)	Glass not included	Sq.m	2,031.52	15,254.71
		Sq.ft	188.73	1,417.21
c)	1.5" (38 mm) thick fully glazed shutters with 1/4" (5 mm) thick plain local glass		-	-
i)	Glass to be provided	Sq.m	2,452.30	16,097.57
		Sq.ft	227.83	1,495.51
ii)	Glass not included	Sq.m	2,031.52	13,803.79
		Sq.ft	188.73	1,282.42
d)	1.25" (32mm) thick fully glazed shutters with 1/4" (5mm) thick plain local glass		-	-
i)	Glass to be provided	Sq.m	2,452.30	17,340.06
		Sq.ft	227.83	1,610.95
ii)	Glass not included	Sq.m	2,031.52	14,237.03
		Sq.ft	188.73	1,322.66
e)	1" (25mm) thick fully glazed shutters with 1/4" (5mm) thick plain local glass		-	-
i)	Glass to be provided	Sq.m	2,452.30	21,872.14
		Sq.ft	227.83	2,031.99
ii)	Glass not included	Sq.m	2,032.78	19,671.82
		Sq.ft	188.85	1,827.57
16-10	Providing and fixing First class deodar wood shutters partly panelled and partly glazed with plain glass of approved quality, brass hinges, tower bolts, deodar wood beading and putty packing for glass as required.		-	-

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
16-11	a) 2" (50mm) thick partly panelled & partly glazed shutters with 1/4" (6mm) thick plain imported glass.		-	-
	i) Glass to be provided	Sq.m	3,104.93	21,964.31
		Sq.ft	288.46	2,040.55
	ii) Glass not included	Sq.m	2,261.36	19,844.95
		Sq.ft	210.09	1,843.66
	b) 1.75" (44mm) thick partly panelled and partly glazed shutters with 1/4" (6mm) thick plain imported glass		-	-
	i) Glass to be provided	Sq.m	2,452.30	17,690.88
		Sq.ft	227.83	1,643.54
	ii) Glass not included	Sq.m	2,276.93	16,310.35
		Sq.ft	211.53	1,515.28
	c) 1.5" (38mm) thick partly panelled partly glazed shutters with 1/4" (5mm) thick plain local glass		-	-
	i) Glass to be provided	Sq.m	2,452.30	16,595.45
		Sq.ft	227.83	1,541.77
	ii) Glass not included	Sq.m	2,276.93	15,241.48
		Sq.ft	211.53	1,415.98
	d) 1.25" (32mm) thick partly panelled partly glazed shutters with 1/4" (5mm) thick plain local glass		-	-
	i) Glass to be provided	Sq.m	2,452.30	18,813.01
		Sq.ft	227.83	1,747.79
	ii) Glass not included	Sq.m	1,624.30	20,517.98
		Sq.ft	150.90	1,906.18
	e) 1" (25mm) thick partly panelled partly glazed shutters with 1/4" (5mm) thick plain local glass		-	-
	i) Glass to be provided	Sq.m	2,452.30	16,301.35
		Sq.ft	227.83	1,514.45
	ii) Glass not included	Sq.m	1,624.30	14,019.32
		Sq.ft	150.90	1,302.44
	Providing and fixing 1.5" (38mm) thick pressed veneered door shutters fully flushed with First class wood veneering on all faces and sides fixed over deodar wood cavited core and frame work of not less than 4" (100mm) wide strips all round with approved brass hinges, tower bolts as required.		-	-
16-12	a) Teak wood		-	-
	i) Teak wood 3 Ply	Sq.m	1,433.17	13,001.34
		Sq.ft	133.15	1,207.87
	ii) Teak wood 5 Ply	Sq.m	1,433.17	14,643.75
		Sq.ft	133.15	1,360.45
	b) Shisham wood		-	-
	i) Shisham wood 3 PLY	Sq.m	1,433.17	13,156.29
		Sq.ft	133.15	1,222.26
	ii) Shisham wood 5 PLY	Sq.m	1,433.17	14,612.76
		Sq.ft	133.15	1,357.57
	c) Commercial wood		-	-
	i) Commercial wood 3 ply	Sq.m	1,433.17	12,505.52
		Sq.ft	133.15	1,161.80
	ii) Commercial wood 5 ply	Sq.m	1,433.17	13,280.24
		Sq.ft	133.15	1,233.78
	Providing and fixing 1.5" (38 mm) thick pressed veneered door shutters fully flushed with First class wood veneering on all faces and sides fixed over partial wood cavited core and frame work of not less than 4" (100mm) wide strips all round with approved iron hinges, tower bolts as required.		-	-
	a) Teak wood		-	-

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
	i) Teak wood 3 Ply	Sq.m	1,433.17	7,034.21
		Sq.ft	133.15	653.50
	ii) Teak wood 5 Ply	Sq.m	1,433.17	8,676.62
		Sq.ft	133.15	806.08
	b) Shisham wood		-	-
	i) Shisham wood 3 PLY	Sq.m	1,433.17	7,189.16
		Sq.ft	133.15	667.90
	ii) Shisham wood 5 PLY	Sq.m	1,433.17	8,645.63
		Sq.ft	133.15	803.21
	c) Commercial wood		-	-
	i) Commercial wood 3 ply	Sq.m	1,433.17	6,538.39
		Sq.ft	133.15	607.44
	ii) Commercial wood 5 ply	Sq.m	1,433.17	7,313.11
		Sq.ft	133.15	679.41
16-13	Providing and fixing sliding shutters clad with plain galvanized iron sheet 24 gauge (1.05mm) on front face over wood frame work 2"x3" (50mmx75mm) pulleys 4" (100mm) dia. With guides of T- iron 2.5"x2.5"x0.25" (65mmx65mmx6mm) at top and bottom T-iron brackets to walls and top pulleys 2"x2"x0.25" (50mmx50mmx6mm) covering channels for pulleys embedding in cement concrete 1:2:4, bottom guide with rag bolts 6" (150mm) long including locking arrangements with handles.		-	-
	a) Deodar wood frame	Sq.m	1,856.63	18,577.96
		Sq.ft	172.49	1,725.95
	b) Kail wood frame	Sq.m	1,856.63	15,232.27
		Sq.ft	172.49	1,415.13
16-14-1	Providing and fixing 1.25" (32mm) thick First class deodar wood sliding shutters fully glazed with 1/4" (6mm) thick glass panes including fixing guide rails, brass roller, same wood beading with putty packing, cutting and making good damage to walls and floors.	Sq.m	2,303.81	15,404.79
		Sq.ft	214.03	1,431.15
16-15-1	Providing and fixing 1.25" (32mm) thick First class deodar wood sliding shutters partly panelled and partly glazed with 1/4" (6mm) thick glass panes including fixing guide rails, brass roller, same wood beading with putty packing, cutting and making good damage to walls and floors.	Sq.m	2,414.00	18,699.23
		Sq.ft	224.27	1,737.22
16-16	Providing and fixing 1.5" (38mm) thick pressed veneered sliding shutters fully flushed with wood veneering on all faces and sides fixed over deodar wood cavities core and frame work of not less than 4" (100mm) wide strip all around including fixing guide rails, brass rollers, cutting and making good damages to walls and floor as required.		-	-
	a) Teak wood 3 ply	Sq.m	2,303.81	23,685.88
		Sq.ft	214.03	2,200.49
	b) Commercial wood 3 ply	Sq.m	2,303.81	25,484.14
		Sq.ft	214.03	2,367.56
16-17	Providing and fixing 1.5" (38mm) thick pressed veneered sliding shutters partly glazed with glass panes 7.3kg/Sq.m. and partly veneered with wood veneering on all faces and sides fixed over deodar wood cavities core and frame work of not less than 4" (100mm) wide strip all around including fixing guide rails, brass rollers, deodar wood beading with putty packing to glasses, cutting and making good damages to walls and floors as required but excluding the cost of extra glazing and grills sand wipped between glasses as required.		-	-
	a) Teak wood 3 ply	Sq.m	2,303.81	20,248.82
		Sq.ft	214.03	1,881.18
	b) Commercial wood 3 ply	Sq.m	2,303.81	19,837.40
		Sq.ft	214.03	1,842.96

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
16-18 a)	Providing and fixing 1-1/2" (38mm) thick First class deodar wood shutters having 3/4" (19mm) thick batten, ledges and bracing battened, ledged and braced, making rebated or tongued and grooved joints with approved T- iron hinges and tower bolts as required.	Sq.m	1,552.63	9,521.16
		Sq.ft	144.24	884.55
b)	Providing and fixing 1-1/2" (38mm) thick Teak wood shutters having 3/4" (19mm) thick batten, ledges and bracing battened, ledged and braced, making rebated or tongued and grooved joints with approved T- iron hinges and tower bolts as required.	Sq.m	1,552.63	8,427.81
		Sq.ft	144.24	782.97
16-19-1	Providing and fixing 1.5" (38mm) thick First class deodar wood shutters fully fitted with iron bars 5/8" (16mm) dia at 4" (100mm) c/c including cost of iron bars, approved iron hinges, tower bolts as required.	Sq.m	1,357.56	17,860.76
		Sq.ft	126.12	1,659.32
16-20-1	Providing and fixing 1.5" (38mm) thick First class deodar wood shutters fully wire gauzed with galvanized iron wire gauze 24 gauge (1.06mm) and 12 mesh to 1" (25mm) with approved S.S butt hinges and tower bolts as required.	Sq.m	1,202.11	17,586.91
		Sq.ft	111.68	1,633.88
16-21-1	Providing and fixing 1.25" (32mm) thick First class deodar wood shutters partly wire gauzed with galvanized iron wire gauze 24 gauge (1.06mm) and 12 mesh to an inch (25mm) and partly panelled with deodar wood, approved S.S butt hinges and tower bolts as required	Sq.m	1,658.09	16,757.47
		Sq.ft	154.04	1,556.82
16-22-1	Providing and fixing 1.25" (32mm) thick First class deodar wood shutters fully fixed with expanded metal of 3/4"x2.5" (19mmx64mm) mesh 12 gauge (2.12mm) with approved S.S butt hinges and tower bolts as required	Sq.m	1,202.11	23,909.89
		Sq.ft	111.68	2,221.30
16-23-1	Providing and fixing 1.25" (32mm) thick First class deodar wood stair case fixed glazing with glass panes 24 oz.(7.3 kg/sq.m.) deodar wood beading and putty packing as required.	Sq.m	2,476.22	32,068.63
		Sq.ft	230.05	2,979.28
16-24 a)	Providing and fixing 1.25" (32mm) thick First class deodar wood swing shutters fully panelled including iron helical spring hinges as required. Panelled with deodar wood		-	-
		Sq.m	2,711.52	14,609.36
		Sq.ft	251.91	1,357.25
		Sq.m	1,426.47	10,927.71
b)	Panelled with 5/16" (8 mm) hard board			
		Sq.m	1,426.47	10,927.71
		Sq.ft	132.52	1,015.22
16-25-1	Providing and fixing 1.25" (32mm) thick First class deodar wood swing shutters fully glazed with glass panes 5mm thick, deodar wood beading with putty packing to glasses with iron helical spring hinges as required.	Sq.m	2,274.97	13,680.00
		Sq.ft	211.35	1,270.91
16-26-1	Providing and fixing 1.25" (32mm) thick pressed veneered swing shutters fully flushed with teakwood veneering 1/8" (3mm) thick on all faces and sides fixed over deodar wood cavities core framework of not less than 4" (100mm) wide strip allround with brass double action helical spring hinges as required.	Sq.m	1,537.14	25,610.76
		Sq.ft	142.81	2,379.32
16-27	Providing and fixing First class deodar wood trellis work (jafri) with battens forming apertures 1.5"x1.5" (38mmx38 mm) but excluding cost of frame work as required.	Sq.m	-	-
16-27 a)	3/8" x 1.5" (9 mm x 38 mm) battens forming aperture	Sq.ft	-	-
b)	1/2" x 1.5" (13 mm x 38 mm) battens forming aperture	Sq.m	946.45	6,910.35
		Sq.ft	87.93	641.99

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
c)	Extra over item 16-27 (a or b) for providing doors or windows frame 2"x1.5" (50mmx32mm) in trellis (jafri) work of First class deodar wood including cost of wood work approved iron hinges and tower bolts (clear opening to be measured).	Sq.m	777.79	7,432.68
		Sq.ft	72.26	690.52
16-28-1	Providing and fixing 1.25" (32mm) thick First class deodar wood partition fully panelled with the same wood as required	Sq.m	1,978.30	11,866.96
		Sq.ft	183.79	1,102.48
16-29-1	Providing and fixing 1.25" (32mm) thick First class deodar wood partition fully glazed with glass panes 6 mm with deodar wood beading with putty packing to glasses as required.	Sq.m	2,242.88	10,010.77
		Sq.ft	208.37	930.03
16-30-1	Providing and fixing wooden partition fully flushed with hard board 5/16" (8mm) thick on one face fixed on First class deodar wood frame 3"x1.25" (75mmx32mm) at spacing not exceeding 24" (600mm) horizontal and 18" (450mm) vertical including necessary wooden beading as required.	Sq.m	1,226.06	7,794.74
		Sq.ft	113.91	724.16
16-31-1	Providing and fixing wooden partition fully flushed with hard board 5/16" (8mm) thick on both faces fixed on partial wood frame 3"x1.25" (75 mm x 32 mm) at spacing not exceeding 24" (600 mm) horizontal and 18" (450 mm) vertical including necessary wooden beading as required.	Sq.m	1,226.06	5,688.20
		Sq.ft	113.91	528.45
16-32-1	Providing and fixing 2" (50mm) thick First class deodar wood shutters framed (2"x2.5") braced and flushed with plain G.I. sheet 24 gauge (1.05mm) for garrage and godown including cost of male and female hinges, locking arrangement and other iron fittings, cutting walls and making good the same as required.	Sq.m	2,238.62	11,429.49
		Sq.ft	207.97	1,061.84
16-33-1	Providing and fixing 2" (50mm) thick First class deodar wood fully panelled shutters for garrage and/or godown including cost of male and female hinges, locking arrangement and other iron fittings, cutting walls and making good the same as required.	Sq.m	2,830.96	20,025.03
		Sq.ft	263.00	1,860.39
16-34-1	Providing and fixing First class deodar wood 3" thick gate as per design approved by the Engineer in charge with necessary male and female hinges, stopper, locking arrangements, cutting wall and making good the same as required.	Sq.m	1,935.90	23,365.78
		Sq.ft	179.85	2,170.75
16-35-1	Providing and fixing 3/4" (19mm) thick First class deodar wood tongued and grooved plain boarding, or lining on walls, jambs, skirting, cornice, chair rails and archivolt fixed on deodar wood frame backing with rawl plugs on screws, but excluding cost of backing and polishing as required.	Sq.m	2,546.25	11,980.31
		Sq.ft	236.55	1,113.01
16-36-1	Providing and fixing 1/2" (13mm) thick First class deodar wood panelling in framework 3"x1.5" (75mmx38mm) of same wood on walls, jambs, skirting, cornice, chair rails and archivolt fixed on framed deodar wood backing with rawl plugs or screws but excluding the cost of backing and polishing as required.	Sq.m	2,251.85	11,048.14
		Sq.ft	209.20	1,026.41
16-37-1	Providing and fixing 1" (25mm) deodar wood frame backing of approved shape and section in wall panelling or lining, skirting, cornice, chair rails and archivolt fixed with screws or rawl plugs as required.		29,329.13	495,591.29
16-38-1	Providing and fixing 1" (2 mm) deodar wood planking in shelves, almirahs with deodar wood batten 1"x1.5" (25mmx38mm) fixed in walls with screws or rawl plugs as required.	Cu.m	400.81	13,203.69
		Cu.ft	11.35	373.89

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
16-39-1	Providing and fixing 1" (25mm) deodar wood planking in shelves on deodar wood brackets each having cross sectional area approx. 4 sq.inches (26 sq.cm.) and spaced at 4 ft. (1.2m) c/c fixed to walls with screws or rawl plugs as required.	Sq.m	531.01	16,112.20
		Sq.ft	49.33	1,496.87
16-40	Providing and fixing G.I. wire gauze of 22 gauze (1.15 mm) and 144 mesh per sq.inch. With First class deodar wood beading upto one square inch (6.45 sq.cm.) 2"x1/2"		-	-
a)	section of approved design with iron screws over existing frame as required.	Sq.m	277.07	6,343.56
		Sq.ft	25.74	589.34
b)	Without beading	Sq.m	83.12	5,082.00
		Sq.ft	7.72	472.13
16-41	Providing and fixing plastic wire gauze of and 22 mesh per sq.inch. a) With First class deodar wood beading 2" x 1/2" over existing frame		-	-
a)		Sq.m	277.07	3,700.87
		Sq.ft	25.74	343.82
b)	Without beading	Sq.m	83.12	2,424.71
		Sq.ft	7.72	225.26
16-42	Providing and fixing Aluminium wire gauze 30 gauge (0.85 mm) and 14 mesh per sq.inch. a) With First class deodar wood beading 2" x 1/2" over existing frame		-	-
a)		Sq.m	277.07	3,429.71
		Sq.ft	25.74	318.63
b)	Without beading	Sq.m	83.12	2,153.56
		Sq.ft	7.72	200.07
16-43-1	Providing and fixing expanded metal 3/4"x2.5" (19mm x 64mm), 12 gauge (2.12mm) of approved quality with First class deodar wood beading upto one sq.inch (2"x1/2") as required and 22 mesh per sq.inch.	Sq.m	314.85	18,597.78
		Sq.ft	29.25	1,727.79
16-44-1	Providing and fixing with sunken iron screws over existing base of iron or wood First class shisham wood moulding as hand rails, studs, lathe etc. of approved design 4 to 6 sq.inch (26 to 39 sq.cm.) in cross section as required.	Sq.m	593.86	2,549.98
		Sq.ft	55.17	236.90
16-45-1	Providing and fixing with sunken iron screws over existing base of iron or wood First class deodar wood moulding as hand rails, studs, lathe etc. of approved design 4 to 6 sq.inch (26 to 39 sq.cm.) in cross section as required.	R.M	596.53	2,970.64
		R.ft	181.87	905.68
16-46-1	Providing and fixing with sunken iron screws and rawl plugs First class shisham wood moulded picture rails upto 6sq.inch (39 sq.cm.) in cross section on walls as required.	R.M	223.04	2,116.05
		R.ft	68.00	645.14
16-47-1	Providing and fixing with sunken iron screws and rawl plugs First class deodar wood moulded picture rails upto 6sq.inch (39 sq.cm.) in cross section on walls.	R.M	314.19	2,853.49
		R.ft	95.79	869.97
16-48-1	Providing and fixing with iron screws 3/4" (19 mm) thick First class deodar wood eave or barge board.	R.M	650.76	9,882.26
		R.ft	198.40	3,012.89
16-49	Providing and fixing First class wood railing of approved design and sections in stair cases, balcony or parapet with same wood balusters of approved design and sections fixed into stringers, steps or walls having hand rail with turning, bend posts, newal posts fixed with flat iron and screws including cutting holes in stringers walls steps and making good as required but excluding cost of stringers, steps and flat iron		-	-
a)	Shisham wood	Sq.m	2,611.75	8,257.91
		Sq.ft	242.64	767.19
b)	Deodar wood	Sq.m	2,341.77	9,820.72

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
16-50	Providing and fixing First class wood in stairs with or without stringers and landing	Sq.ft	217.56	912.38
	joists including cost of moulded nosing and stringers, cutting grooves for fixing	Sq.m	-	-
	steps planks with screws, bolts etc. but excluding cost of balustrade.			
	a) Shisham wood	Sq.m	2,951.55	38,048.55
		Sq.ft	274.21	3,534.83
b) Deodar wood		Sq.m	2,628.75	48,959.25
		Sq.ft	244.22	4,548.47
16-51-1	Providing and fixing 1" (25mm) thick fine cork sheet with approved adhesive to shutters and frame for sound proofing and/or for airconditioning shutters including levelling, finishing.	Sq.m	811.61	4,107.14
		Sq.ft	75.40	381.57
16-52-1	Providing and fixing 3/4" (19mm) thick foam rubber sheet with approved adhesive and edge metalling screwed to shutters and frame for sound proofing and/or for airconditioning shutters including levelling, finishing, polishing metal portion.	Sq.m	2,367.38	6,897.59
		Sq.ft	219.94	640.81
16-53-1	Providing and fixing 1/2" (13mm) thick 'Namda' with approved adhesive and edge metalling screwed to shutters and frame for sound proofing and/or for airconditioning shutters including levelling, finishing, polishing metal portion.	Sq.m	2,135.49	5,617.90
		Sq.ft	198.39	521.92
16-54-1	Providing and fixing First class deodar wood projected beading upto one sq.inch.(6.5 sq.cm.) wide in section, designed, fixed around the panels of doors, windows of any description.	Sq.m	125.99	303.09
		Sq.ft	11.70	28.16
16-55-1	Providing and fixing 1/2" (13mm) thick First class deodar wood simple moulded or plain pelmet fixed with iron frame 3/4"x3/4"x1/4" with screws including cost of painting three coats on iron work only with approved anti-corrosive paints.	R.M	2,473.14	9,147.21
		R.ft	754.01	2,788.78
16-56-1	Providing and fixing 1/2" (13mm) thick First class deodar wood simple moulded or plain pelmet fixed with same wood brackets, screws, rawl plugs etc.	Sq.m	2,304.30	8,805.98
		Sq.ft	214.08	818.10
16-57-1	Providing and fixing 1.25" (32mm) thick deodar wood First class wooden brackets for holding curtain rods moulded to details, fixed to wall or wood with screws, rawl plugs etc.	Sq.m	7,193.83	25,202.74
		Sq.ft	668.33	2,341.41
16-58	Providing and fixing 3/4" (19mm) thick First class wood peg boards with levelled edges pegs of approved design fixed at 10" (250mm) centre to centre with screws and rawl pegs.		-	-
	a) Shisham wood with brass pegs	Sq.m	2,697.17	28,521.17
		Sq.ft	250.58	2,649.71
	b) Shisham wood with iron pegs	Sq.m	2,697.17	15,092.69
		Sq.ft	250.58	1,402.16
c) Deodar wood with brass pegs		Sq.m	2,065.92	31,573.07
		Sq.ft	191.93	2,933.24
d) Deodar wood with iron pegs		Sq.m	2,065.92	18,144.59
		Sq.ft	191.93	1,685.69
16-59-1	Providing and fixing deodar wood First class wooden curtain rods 1" to 1.25" (25mm to 32mm) dia with end stay.	Sq.m	122.33	643.87
		Sq.ft	11.37	59.82
16-60	Providing and fixing 3/4" (19mm) dia. approved tubes with sockets as curtain rods.		-	-
	a) Brass tube with brass socket	R.M	122.33	2,652.13
		R.ft	37.30	808.58

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
16-61	b) Chromium plated tube with C.P. socket	R.M	122.33	1,672.33
		R.ft	37.30	509.86
	Providing and fixing curtain rails with double roller runners, clamps, including cost of C.P. brass screws and rawl plugs.		-	-
	a) C.P. brass curtain rails	R.M	99.43	2,040.51
16-62		R.ft	30.31	622.11
	b) Aluminium curtain rails	R.M	99.43	1,971.21
		R.ft	30.31	600.98
	Providing and fixing approved rings for curtain.		-	-
16-63	a) Brass rings		-	-
	i) Brass rings 1.25" (32 mm) dia.	Each	2.52	45.72
	ii) Brass rings 1" (25 mm) dia.	Each	2.52	34.92
	b) Chromium plated rings		-	-
	i) Chromium plated rings 1.25" (32 mm) dia.	Each	2.52	80.52
	ii) Chromium plated rings 1" (25 mm) dia.	Each	2.52	58.92
	c) Plastic rings		-	-
	i) Plastic rings 1.25" (32 mm) dia.	Each	2.52	19.32
	ii) Plastic rings 1" (25 mm) dia.	Each	2.52	18.12
	Providing and fixing approved quality heavy duty window stay (casement) with 1.25" (32mm) screw.		-	-
	a) Brass 9" (225 mm) long window stay fixed with brass screw.	Each	147.60	843.60
	b) Iron 9" (225 mm) long window stay fixed with brass screw.	Each	147.60	471.60
16-64-1	Providing and fixing approved 10" (250mm) brass heavy duty quadrant stay with 1.25" (32mm) screw.	Each	147.60	573.60
16-65	Providing and fixing approved heavy brass adjustable door holder with 3" (75mm) brass screws or with specially supplied screws.		-	-
	a) Foot operated bronze 8.5" (216 mm) size.	Each	678.00	2,325.88
	b) Bronze, spring action type 2"x1.5" (50mmx38mm) lock plate and 2.25"x7/8" (57mmx22mm) spring.	Each	678.00	2,497.48
	c) Bronze, door holder with rubber stop 7"x1.88" (175mmx41mm) plate and rubber stops 1.5" (38mm) dia.	Each	678.00	2,317.48
16-66	Providing and fixing locks with brass or specially supplied screws including Door Closers and Floor Hinges of approved design including cutting wood to required shape and size with two operating keys.		-	-
	a) Union lock (Local)	Each	600.00	1,675.32
	b) Chinese lock	Each	600.00	3,236.39
	c) Yale lock	Each	600.00	13,784.41
	d) Hyundi lock	Each	600.00	4,246.20
	e) Main door lock kwikset make	Each	600.00	13,166.41
	f) Hydraulic door closer, New star make	Each	600.00	5,173.20
	g) Hydraulic door closer, HNH make	Each	600.00	4,638.01
	g) Floor Hinges	Each	1,200.00	14,796.00
16-67-1	Providing and fixing approved brass drawer and cup board lock with brass screws including two operating keys.	Each	300.00	559.56
16-68	Providing and fixing approved standard finger plate with screws.		-	-
	a) Aluminium finger plate 6" x 2.25" (150 mm x 57 mm)	Each	198.00	483.60
16-69	b) Brass finger plate 6" x 2.25" (150 mm x 57 mm)	Each	198.00	1,094.40
	Providing and fixing approved helical brass spring hinges 6" (150mm) size with brass screws.		-	-
	a) helical brass spring hinges 6" (150mm) Single action	Each	171.60	2,743.20
	b) helical brass spring hinges 6" (150mm) Double action	Each	211.20	2,782.80
16-70	Providing and fixing approved helical iron spring hinges 6" (150mm) size with iron screws.		-	-
	a) helical iron spring hinges 6" (150mm) Single action	Each	171.60	721.20
	b) helical iron spring hinges 6" (150mm) Double action	Each	211.20	1,075.20

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
16-71	Providing and fixing approved piano hinges of sheet 3/4" (19mm) wide with brass screws.		-	-
a)	Brass piano hinges of sheet 3/4" (19mm)	R.M	346.47	1,181.16
		R.ft	105.63	360.11
b)	Iron piano hinges of sheet 3/4" (19mm)	R.M	346.47	1,462.28
		R.ft	105.63	445.82
16-72	Providing and fixing approved parliament hinges with screws.		-	-
a)	Brass parliament hinges 5" x 5" (125mm x 125mm) size, 12gauge	Each	158.40	1,741.20
b)	Brass parliament hinges 4" x 4" (100mm x 100mm) size, 12gauge	Each	132.00	2,266.80
c)	Iron parliament hinges 5" x 5" (125mm x 125mm) size, 12gauge	Each	158.40	871.20
d)	Iron parliament hinges 4" x 4" (100 mm x 100 mm) size, 12gauge	Each	132.00	727.20
16-73	Providing and fixing approved heavy type G.I tee hinges with screws.		-	-
a)	GI Tee hinges 18" (450 mm) size	Each	132.00	762.00
b)	GI Tee hinges 12" (300 mm) size	Each	132.00	546.00
c)	GI Tee hinges 10" (250 mm) size	Each	132.00	462.00
16-74	Providing and fixing approved sliding bolts or drop bolt of sizes with screws of same metal and G.I. bolts and nuts		-	-
a)	Brass sliding bolts		-	-
i)	Brass sliding bolts 12" x 3/4" (300 mm x 19 mm) size	Each	198.00	2,329.20
ii)	Brass sliding bolts 10" x 5/8" (250 mm x 16 mm) size	Each	198.00	2,068.80
iii)	Brass sliding bolts 9" x 5/8" (225 mm x 16 mm) size	Each	198.00	1,989.60
iv)	Brass sliding bolts 6" x 1/2" (150 mm x 13 mm) size	Each	198.00	1,504.80
b)	Chromium plated brass sliding bolts	Each	-	-
i)	Chromium plated brass sliding bolts 12" x 3/4" (300 mm x 19 mm) size	Each	198.00	2,769.60
ii)	Chromium plated brass sliding bolts 10" x 5/8" (250 mm x 16 mm) size	Each	198.00	2,269.20
iii)	Chromium plated brass sliding bolts 9" x 5/8" (225 mm x 16 mm) size	Each	198.00	2,077.20
iv)	Chromium plated brass sliding bolts 6" x 1/2" (150 mm x 13 mm) size	Each	-	-
c)	Iron sliding bolts	Each	-	-
i)	Iron sliding bolts 15" x 3/4" (375 mm x 19 mm) size	Each	198.00	1,228.80
ii)	Iron sliding bolts 12" x 3/4" (300 mm x 19 mm) size	Each	198.00	921.60
iii)	Iron sliding bolts 10" x 5/8" (250 mm x 16 mm) size	Each	198.00	784.80
iv)	Iron sliding bolts 9" x 5/8" (225 mm x 16 mm) size	Each	198.00	721.20
v)	Iron sliding bolts 6" x 1/2" (150 mm x 13 mm) size	Each	198.00	657.60
16-75	Providing and fixing approved tower bolts with screws of same metal	Each	-	-
a)	Brass tower bolts	Each	-	-
i)	Brass tower bolts 6" (150 mm) size	Each	132.00	504.00
ii)	Brass tower bolts 9" (225 mm) size	Each	132.00	465.60
iii)	Brass tower bolts 12" (300 mm) size	Each	132.00	756.00
b)	Chromium plated brass tower bolts	Each	-	-
i)	Chromium plated brass tower bolts 6" (150 mm) size	Each	132.00	1,004.40
ii)	Chromium plated brass tower bolts 9" (225 mm) size	Each	132.00	1,184.40
iii)	Chromium plated brass tower bolts 12" (300 mm) size	Each	132.00	1,695.60
c)	Aluminium tower bolts	Each	-	-
i)	Aluminium tower bolts 4" (100 mm) size	Each	132.00	420.00
ii)	Aluminium tower bolts 6" (150 mm) size	Each	132.00	472.80
iii)	Aluminium tower bolts 8" (200 mm) size	Each	132.00	615.60
16-76	Providing and fixing approved heavy duty safety hasp and staple with necessary screws of the same metal	Each	-	-
a)	Brass hasp and staple	Each	-	-
i)	Brass hasp and staple 5" (125 mm) size	Each	39.60	1,671.60
ii)	Brass hasp and staple 4" (100 mm) size	Each	39.60	1,471.20
iii)	Brass hasp and staple 3" (75 mm) size	Each	39.60	1,183.20
iv)	Brass hasp and staple 2" (50 mm) size	Each	39.60	991.20
b)	Iron hasp and staple	Each	-	-

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
	i) Iron hasp and staple 5" (125 mm) size	Each	39.60	290.40
	ii) Iron hasp and staple 4" (100 mm) size	Each	39.60	212.40
	iii) Iron hasp and staple 3" (75 mm) size	Each	39.60	214.80
	iv) Iron hasp and staple 2" (50 mm) size	Each	39.60	169.20
	c) Chromium plated	Each	-	-
	i) Chromium plated 5" (125 mm) size	Each	39.60	457.20
	ii) Chromium plated 4" (100 mm) size	Each	39.60	465.60
	iii) Chromium plated 3" (75 mm) size	Each	39.60	464.40
	iv) Chromium plated 2" (50 mm) size	Each	39.60	432.00
16-77	Providing and fixing approved heavy duty safety handle with necessary screws of the same metal	Each	-	-
	a) Brass safety handle	Each	-	-
	i) Brass safety handle 7" (175 mm) size	Each	132.00	2,224.80
	ii) Brass safety handle 5" (125 mm) size	Each	132.00	1,956.00
	iii) Brass safety handle 4" (100 mm) size	Each	132.00	1,815.60
	b) Iron Safety Handle	Each	-	-
	i) Iron Safety Handle 5" (125 mm) size	Each	132.00	351.60
	ii) Iron Safety Handle 4" (100 mm) size	Each	132.00	348.00
	c) Chromium plated Safety Handle	Each	-	-
	i) Chromium plated Safety Handle 7" (175 mm) size	Each	132.00	718.80
	ii) Chromium plated Safety Handle 5" (125 mm) size	Each	132.00	564.00
	iii) Chromium plated Safety Handle 4" (100 mm) size	Each	132.00	546.00
16-78	Providing and fixing approved curved or circular 5/8" (16mm) dia. rod handle upto 5" (125mm) size with brass screws	Each	-	-
	a) Brass handle curved or circular	Each	264.00	962.40
	b) C.P. handle curved or circular	Each	264.00	498.00
16-79-1	Providing and fixing approved 6" (150mm) size fancy brass heavy type door knob (handle) with plates and screws	Each	528.00	2,569.20
16-80	Providing and fixing approved section hook and eye	Each	-	-
	a) Brass Hook & Eye	Each	-	-
	i) Brass Hook & Eye 6" (150 mm) size	Each	132.00	1,244.40
	ii) Brass Hook & Eye 4" (100 mm) size	Each	132.00	932.40
	b) Galvanized iron	Each	-	-
	i) Galvanized iron Hook & Eye 6" (150 mm) size	Each	132.00	519.60
	ii) Galvanized iron Hook & Eye 4" (100 mm) size	Each	132.00	444.00
16-81	Providing and fixing floor socket of approved size and section in floors for fixing tower bolts including cutting and making good the floor.	Each	-	-
	a) Brass socket	Each	98.70	405.06
	b) Iron socket	Each	98.70	122.16
16-82	Providing and fixing wooden box type wardrobe 22" (550mm) deep including 3/4" (19mm) thick boxing and shelves hanger rods, hardboard 3/16" (5mm) thick back drawers, brass fitting, locking arrangement, handles, internal bolts, shoe rods including painting.		-	-
	a) Deodar wood boxing, shelves, leaves and hardboard masonite 3/16" (5mm) thick back.	Sq.m	2,877.53	63,962.06
		Sq.ft	267.33	5,942.28
	b) Kail wood boxing and deodar wood shelves, leaves and hard board masonite 3/16" (5mm) thick back.	Sq.m	2,342.61	75,356.72
		Sq.ft	217.64	7,000.87
	c) Laminated board 3/4" (19mm) thick boxing, shelves and back with 3/4" thick deodar wood vaneer board	Sq.m	1,604.78	16,029.77
		Sq.ft	149.09	1,489.22
16-83-1	Making and fixing cleats for doors and windows including hinges and screws.	Each	69.60	415.88
16-84-1	Making and fixing cleats with brass hooks for roof ventilators	Each	108.00	675.54
16-85-1	Making and fixing 1" (25mm) thick partial wood notice board with frame.	Each	1,664.21	5,942.87

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
16-86	Providing and fixing glass panes in wooden or steel frames of doors, windows and ventilators etc. complete in all respect.		-	-
	a) 5 mm. thick glass panes		-	-
	i) Clear glass local 5mm	Sq.m	222.00	3,111.18
		Sq.ft	20.62	289.04
	ii) Unclear glass local 5mm	Sq.m	222.00	3,349.32
		Sq.ft	20.62	311.16
	iii) Tinted glass local 5mm	Sq.m	222.00	3,435.00
		Sq.ft	20.62	319.12
	b) 6 mm. thick glass panes		-	-
	i) Clear glass local 6mm	Sq.m	222.00	3,070.86
		Sq.ft	20.62	285.29
	ii) Unclear glass local 6mm	Sq.m	222.00	3,361.92
		Sq.ft	20.62	312.33
	iii) Tinted glass local 6mm	Sq.m	222.00	3,476.58
		Sq.ft	20.62	322.99
	iv) Clear glass imported 6mm	Sq.m	222.00	3,280.02
		Sq.ft	20.62	304.72
	v) Tinted glass imported 6mm	Sq.m	222.00	3,813.00
		Sq.ft	20.62	354.24
	c) 3 mm. thick glass panes			
	i) Clear glass local 3mm	Sq.m	222.00	1,885.20
		Sq.ft	20.62	175.14
	ii) Unclear glass local 3mm	Sq.m	222.00	2,098.14
		Sq.ft	20.62	194.92
16-87	a) For first floor			10%
	b) For each additional floor above first floor			7.50%
16-88-1	Providing and fixing 3/4" (19mm) thick First class Kail wood tongued and grooved plain boarding, or lining on walls, jambs, skirting, cornice, chair rails and archivolt fixed on Kail wood frame backing with rawl plugs on screws, but excluding cost of backing and polishing as required.	Sq.m	890.93	1,417.65
		Sq.ft	82.77	131.70
16-89-1	Providing and fixing of wooden moulded beading to door and window frames with iron screws, plugs; 2nd Class Teak Wood 50x12mm	R.M	224.40	544.51
		R.ft	68.41	166.01
16-90-1	Providing and fixing of cup-board shutters with 25mm thick veneering particle board (MEDIUM DENSITY) with decorative UV Sheet on one side	Sq.m	1,434.55	3,072.22
		Sq.ft	133.27	285.42
16-91-1	Providing and fixing of Aluminium U-beading of required size to pre-laminated / flush door shutters	Kg	863.56	1,140.22
16-92-1	Making of Kitchen Cabinet 8'x3' make up from Veneer board (MEDIUM DENSITY)	C.M	2,193.63	20,707.81
	Laminated on both sides, and hanging on wall, i/c all hardwares	Cu.ft	62.12	586.38
16-93-1	Providing and fixing 1/2" (13mm) thick First class Shisham wood panelling in framework 3"x1.5" (75mmx38mm) of same wood on walls, jambs, skirting, cornice, chair rails and archivolt fixed on framed Shisham wood backing with rawl plugs or screws but excluding the cost of polishing as required.	Sq.m	2,251.85	8,886.89
		Sq.ft	209.20	825.62
16-94-1	Providing and fixing 1/2" (13mm) thick First class Deodar wood panelling in framework 3"x1.5" (75mmx38mm) of same wood on walls, jambs, skirting, cornice, chair rails and archivolt fixed on framed Deodar wood backing with rawl plugs or screws but excluding the cost of polishing as required.	Sq.m	2,251.85	11,048.14
		Sq.ft	209.20	1,026.41

Sr.No	Description	Units	Rate (Rs.)	
			Labour	Composite
16-95	Providing and fixing wooden box type wardrobe 24" (600 mm) deep including 3/4" (19mm) thick boxing and shelves hanger rods, hardboard 3/16" (5mm) thick back drawers, brass fitting, locking arrangement, handles, internal bolts, shoe rods including painting.		-	-
a)	UV Medium Density Fibre High Gloss Board 3/4" (19mm) thick Shutters and shelves and back with 3/4" thick laminated veneer board	Sq.m	1,604.78	16,660.25
		Sq.ft	149.09	1,547.79
b)	PVC Board 3/4" (19mm) High Gloss laminated thick Shutters and shelves and back with 3/4" thick plain laminated board	Sq.m	1,604.78	20,633.09
		Sq.ft	149.09	1,916.88
16-96-1	Providing and fixing 1/2" (13mm) thick MDF (Lasani or equivalent) panelling in framework 3"x1.5" (75mmx38mm) of Deodar wood on walls, jambs, skirting,	Sq.m	2,251.85	6,180.20
		Sq.ft	209.20	574.16
16-97-1	Providing and fixing factory made uPVC door frame made of uPVC extruded sections having an overall dimension as below (tolerance ±1mm), with wall	R.M	103.68	853.68
		R.ft	31.61	260.27
16-98-1	30 mm thick factory made Polyvinyl Chloride (PVC) door shutter made of styles and rails of a uPVC hollow section of size 60x30 mm and wall thickness 2 mm (±	Sq.m	580.84	17,380.84
		Sq.ft	53.96	1,614.73
16-99	Providing and fixing 37 mm thick factory made PVC Door shutter, styles and rails made of PVC hollow extruded printed and laminated section having overall	Sq.m	580.84	22,612.84
		Sq.ft	53.96	2,100.80
16-100-1	Providing and fixing factory made uPVC fixed or openable glazed windows/ ventilators comprising of uPVC multi-chambered frame and mullion (where ever	Sq.m	1,237.97	22,837.97
		Sq.ft	115.01	2,121.72
16-101	Providing and fixing First class wood dolly Chowkat of required size for door using 2.5' x 2.5' vertical wooden plank at ends and horizontal plants at 1 ft apart for supports including 3/4" thick Panelling		-	-
a)	Deodar wood frame and panelling	Sq.m	1,042.52	32,190.57
		Sq.ft	96.85	2,990.60
b)	Shisham wood frame and panelling	Sq.m	1,042.52	24,205.22
		Sq.ft	96.85	2,248.74
c)	Kail wood frame and panelling	Sq.m	1,042.52	16,681.62
		Sq.ft	96.85	1,549.78
d)	Kail wood frame and 1/2" Thick MDF panelling	Sq.m	765.16	13,638.96
16-102	Providing and fixing First class Teak wood shutters fully panelled with same wood and fixed with approved brass hinges and tower bolts.		-	-
a)	2" (50 mm) thick fully panelled shutters.First class Teak wood	Sq.m	2,852.27	21,019.64
		Sq.ft	264.98	1,952.79
b)	1.75" (44 mm) thick fully panelled shutters.First class Teak wood	Sq.m	2,852.27	20,304.04
		Sq.ft	264.98	1,886.31
c)	1.5" (38 mm) thick fully panelled shutters.First class Teak wood	Sq.m	2,852.27	24,099.40
		Sq.ft	264.98	2,238.91
d)	1.25" (32 mm) thick fully panelled shutters.First class Teak wood	Sq.m	2,852.27	20,455.55
		Sq.ft	264.98	1,900.38

Government of Balochistan

Volume-1

Composite Schedule of Rates

SECTION - 17

PAINTING AND VARNSHING

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
17-1-1	Painting two or more coats as per manufacturer's instructions with wood preservative paint (solignum and/or creosote or equivalent) of any approved manufacturer in basement and ground floor	Sq.m	100.80	292.69
		Sq.ft	9.36	27.19
17-2-1	Painting two coats with coal-tar on wood work, plastered, rendered or concrete surface in ground floor or basement.	Sq.m	134.40	173.01
		Sq.ft	12.49	16.07
17-3-1	Painting with paint mixed at site using ingredients and pigment to produce required texture and shade in two or more coats on wood work over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints in ground floor or basement.	Sq.m	346.50	584.38
		Sq.ft	32.19	54.29
17-4-1	Painting with paint mixed at site using ingredients and pigment to produce required texture and shade in two or more coats on plastered, rendered and/or concrete surface over and including the cost of priming coat, surface preparation, dusting, rubbing down smooth, filling cracks, holes removing blisters & other blisters & other imperfections in ground floor or basement.	Sq.m	369.60	619.66
		Sq.ft	34.34	57.57
17-5-1	Painting with paint mixed at site using ingredients and pigment to produce required texture and shade in two or more coats on steel and iron work and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement.	Sq.m	323.40	567.27
		Sq.ft	30.04	52.70
17-6-1	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on wood work over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m)	Sq.m	346.50	672.50
		Sq.ft	32.19	62.48
17-7-1	Painting with ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25Litre per 10 Sq.m)	Sq.m	323.40	644.23
		Sq.ft	30.04	59.85
17-8-1	Painting with ICI/Berger or equivalent plastic emulsion paint of approved shade in two or more coats as per manufacturer's instructions on plastered rendered and/or concrete surface over and including the cost of priming coat, surface preparation, dusting, rubbing down smooth, filling cracks, holes removing blisters and other blisters and other imperfections in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m)	Sq.m	369.60	729.97
		Sq.ft	34.34	67.82
17-9-1	Painting with ICI/Berger or equivalent Aluminium paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.25 Litre per 10 Sq.m)	Sq.m	300.30	667.06
		Sq.ft	27.90	61.97

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
17-10-1	Painting with black bituminous or black japan paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m)	Sq.m	300.30	488.39
		Sq.ft	27.90	45.37
17-11-1	Painting with anti corrosive composition black bitumastic paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.65 Litre per 10 Sq.m)	Sq.m	300.30	554.63
		Sq.ft	27.90	51.53
17-12-1	Painting by spray machine ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on wood work over and including the cost of priming coat, surface preparation, rubbing down smooth, knotted, filling cracks, holes and joints in ground floor or basement. (@ atleast 1.25 Litre per 10 Sq.m)	Sq.m	236.25	664.84
		Sq.ft	21.95	61.77
17-13-1	Painting by spray machine ICI/Berger or equivalent super gloss synthetic enamel paint in two or more coats as per manufacturer's instructions on steel and iron work over and including the cost of priming coat, surface preparation, removing rust, scales and dust with wire brush in ground floor or basement. (@ atleast 1.56 Litre per 10 Sq.m)	Sq.m	224.70	631.75
		Sq.ft	20.88	58.69
17-14-1	Painting with acid or alkali resisting paint of approved shade and make in two or more coats as per manufacturer's instructions on wood work, plastered rendered and or concrete surface over and including the cost of priming coat, surface preparation, rubbing down smooth, cleaning and rubbing in ground floor or basement. (@ atleast 2.45 Litre per 10 Sq.m)	Sq.m	346.50	552.18
		Sq.ft	32.19	51.30
17-15	Applying french or spirit polish of approved make on wood work in ground floor or basement a) One coat (@ atleast 2.25 Litre per 10 Sq.m)	Sq.m	468.00	698.49
		Sq.ft	43.48	64.89
	b) Two coats (@ atleast 1.65 Litre per 10 Sq.m)	Sq.m	572.40	856.69
		Sq.ft	53.18	79.59
17-16-1	Applying two coats of ICI or equivalent synthetic varnish on wood work including cleaning in ground floor or basement (@ atleast 1.65 Litre per 10 Sq.m)	Sq.m	147.00	434.30
		Sq.ft	13.66	40.35
17-17-1	Applying two coats of synthetic clear varnish of an approved manufacturer on wood work including cleaning in ground floor or basement (@ atleast 1.65 Litre per 10 Sq.m)	Sq.m	147.00	454.10
		Sq.ft	13.66	42.19
17-18-1	Applying bee wax of an approved make on wood work including cleaning in ground floor or basement	Sq.m	278.40	399.84
		Sq.ft	25.86	37.15
17-19	Applying ICI/Berger or equivalent aluminium paint in two or more coats as per manufacturer's instructions on pipes including specials over and including the cost of red oxide priming coat, surface preparation, removing dust, scales and dust with wire brush in ground floor or basement.	Sq.m	300.30	667.06

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
		Sq.ft	27.90	61.97
a)	1/2" (15 mm) nominal size of pipe	R.M	9.95	33.34
		R.ft	3.03	10.17
b)	3/4" (20 mm) nominal size of pipe	R.M	11.91	39.91
		R.ft	3.63	12.17
c)	1" (25 mm) nominal size of pipe	R.M	15.44	51.74
		R.ft	4.71	15.77
d)	1-1/4" (32 mm) nominal size of pipe	R.M	18.87	63.24
		R.ft	5.75	19.28
e)	1-1/2" (40 mm) nominal size of pipe	R.M	22.79	76.38
		R.ft	6.95	23.29
f)	2" (50 mm) nominal size of pipe	R.M	28.09	94.12
		R.ft	8.56	28.69
g)	2-1/2" (65 mm) nominal size of pipe	R.M	35.44	118.76
		R.ft	10.80	36.21
h)	3" (75 mm) nominal size of pipe	R.M	43.18	144.71
		R.ft	13.17	44.12
i)	4" (100 mm) nominal size of pipe	R.M	53.43	179.04
		R.ft	16.29	54.58
k)	5" (125 mm) nominal size of pipe	R.M	66.17	221.74
		R.ft	20.17	67.60
l)	6" (150 mm) nominal size of pipe	R.M	78.92	264.45
		R.ft	24.06	80.62
17-20	Applying red oxide paint in two/three coats as per manufacturer's instructions on steel and iron work including removing rust, scales and dust with wire brush in ground floor or basement.			
a)	Two coats (@ atleast 1.25 Litre per 10 Sq.m)	Sq.m	107.10	268.83
		Sq.ft	9.95	24.98
b)	Three coats (@ atleast 2.0 Litre per 10 Sq.m)	Sq.m	153.30	391.44
		Sq.ft	14.24	36.37
17-21	Lettering and figuring of any language on any surface with black Japan paint or similar of approved quality in ground floor or basement			
a)	Two coats (@ atleast 1.25 Litre per 10 Sq.m)	Each	36.96	38.26
b)	Three coats (@ atleast 2.0 Litre per 10 Sq.m)	Each	55.44	57.60
c)	Above 6" (150 mm) upto 12" (300 mm) size	Each	73.92	78.25
d)	Above 12" (300 mm) upto 18" (450 mm) size	Each	110.88	120.83
e)	Above 18" (450 mm) upto 24" (600 mm) size	Each	138.60	157.63
17-22-1	Scraping, rubbing and cleaning paints of all sorts, from walls and ceiling including removal of rubbish from the site in ground floor or basement.	Sq.m	33.60	34.80
		Sq.ft	3.12	3.23
17-23-1	Removing stains from wood work by scraping on applying any approved chemical including removal of rubbish from the site in ground floor or basement.	Sq.m	50.40	62.90
		Sq.ft	4.68	5.84
a)	Scraping old paints of all sorts in ground floor or basement with blow lamp from wood, plastered, rendered and/or concrete surface including rubbing, cleaning and removal of rubbish from the site	Sq.m	69.30	90.89
		Sq.ft	6.44	8.44

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
17-25-1	b) Preparation of wooden surface for re-painting in ground floor or basement (after old paint has been removed) including rubbing down smooth, filling cracks, holes and joints.	Sq.m	54.60	87.12
		Sq.ft	5.07	8.09
	Scraping old paint of all sorts with blow lamp in ground floor or basement from steel and iron work including rubbing, cleaning and removal of rubbish from the site.	Sq.m	34.65	59.63
		Sq.ft	3.22	5.54
17-26-1	Removing all sorts of varnish and polishes without blow lamp in ground floor or basement from wooden surface including removal of rubbish from the site.	Sq.m	23.10	34.84
		Sq.ft	2.15	3.24
17-27	Painting old surface with solignum and or creosote paint on wood work in ground floor or basement including cleaning.	Sq.m	33.60	97.59
		Sq.ft	3.12	9.07
	a) One coat	Sq.m	58.80	165.45
		Sq.ft	5.46	15.37
17-28	b) Two coats	Sq.m	67.20	75.98
		Sq.ft	6.24	7.06
	Painting old surface with coaltar on wood work, plastered, rendered and or concrete surface in ground floor or basement including cleaning.	Sq.m	100.80	114.01
		Sq.ft	9.36	10.59
17-29	a) One coat	Sq.m	138.60	193.57
		Sq.ft	12.88	17.98
	b) Two coats	Sq.m	184.80	296.80
		Sq.ft	17.17	27.57
17-30	Painting old surface in ground floor or basement with paint mixed at site using ingredient and pigment to produce required texture and shade on wood work, plastered, rendered and concrete surface including cleaning and sand papering.	Sq.m	92.40	141.47
		Sq.ft	8.58	13.14
	a) One coat	Sq.m	184.80	293.38
		Sq.ft	17.17	27.26
17-31	b) Two coats	Sq.m	138.60	238.02
		Sq.ft	12.88	22.11
	Painting old surface in ground floor or basement with ICI/Berger or equivalent super gloss synthetic enamel paint on wood work including cleaning and sand papering the surface.	Sq.m	184.80	385.05
		Sq.ft	17.17	35.77
17-32	Painting old surface in ground floor or basement with ICI/Berger or equivalent super gloss synthetic enamel paint on steel and iron work including cleaning and sand papering the surface.	Sq.m	138.60	238.02
		Sq.ft	12.88	22.11

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
	a) One coat	Sq.m	92.40	180.36
		Sq.ft	8.58	16.76
	b) Two coats	Sq.m	184.80	339.21
		Sq.ft	17.17	31.51
17-33	Painting old surface in ground floor or basement with ICI/Berger or equivalent plastic emulsion paint as per manufacturer's instructions on plastered, rendered and concrete surface including cleaning and sand papering the surface.			
	a) One coat	Sq.m	138.60	255.30
		Sq.ft	12.88	23.72
	b) Two coats	Sq.m	184.80	420.69
		Sq.ft	17.17	39.08
17-34	Painting old surface in ground floor or basement with ICI/Berger or equivalent equivalent aluminium paint on steel and iron work as per manufacturer's instructions including cleaning and sand papering the surface.			
	a) One coat	Sq.m	92.40	192.80
		Sq.ft	8.58	17.91
	b) Two coats	Sq.m	184.80	389.01
		Sq.ft	17.17	36.14
17-35	Painting old surface in ground floor or basement with black bituminous and/or black japan paint as per manufacturer's instruction on wood and/or steel and iron work including cleaning and sand papering the surface.			
	a) One coat	Sq.m	92.40	152.17
		Sq.ft	8.58	14.14
	b) Two coats	Sq.m	138.60	247.18
		Sq.ft	12.88	22.96
17-36	Painting old surface in ground floor or basement with acid or alkali resisting paint of approved make and shade including cleaning and sand papering.			
	a) One coat	Sq.m	138.60	177.42
		Sq.ft	12.88	16.48
	b) Two coats	Sq.m	184.80	262.56
		Sq.ft	17.17	24.39
17-37	Varnishing in ground floor or basement with varnish paint of approved make on old surface of wood work including cleaning the surface.			
	a) One coat	Sq.m	138.60	244.58
		Sq.ft	12.88	22.72
	b) Two coats	Sq.m	184.80	397.74
		Sq.ft	17.17	36.95
17-38	Spirit or french polishing of approved make on old surface of wood work including sand papering and cleaning in ground floor or basement.			
	a) One coat	Sq.m	175.20	266.79
		Sq.ft	16.28	24.79
	b) Two coats	Sq.m	297.60	458.44
		Sq.ft	27.65	42.59
17-39	Applying copal varnish of an approved make on old surface of wood work including sand papering and cleaning in ground floor or basement.			
	a) One coat	Sq.m	138.60	246.49

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
17-40	b) Two coats	Sq.ft	12.88	22.90
		Sq.m	184.80	408.21
		Sq.ft	17.17	37.92
17-40	Applying synthetic clear varnish of an approved make on old surface of wood work including sand papering and cleaning in ground floor or basement.			
17-41	a) One coat	Sq.m	138.60	253.69
		Sq.ft	12.88	23.57
		Sq.m	184.80	423.21
17-41	b) Two coats	Sq.m	184.80	423.21
		Sq.ft	17.17	39.32
			208.80	298.13
17-41	Applying bee wax polishing on old surface of wood work including sand papering and cleaning in ground floor or basement.			
17-42	Applying ICI/Berger or equivalent aluminium paint in two or more coats as per manufacturer's instructions on old surface of pipes including specials sand papering and cleaning in ground floor or basement.			
17-42	1 Labour and composite rate same as for item 17-34(a) & (b)			
17-42	i) One coat	R.M	92.40	141.47
		R.ft	28.17	43.13
		R.M	184.80	293.38
17-42	ii) Two coats	R.M	184.80	293.38
		R.ft	56.34	89.44
17-42	a) 1/2" (15 mm) nominal size of pipe			
17-42	i) One coat	R.M	5.89	9.02
		R.ft	1.80	2.75
		R.M	11.79	18.71
17-42	ii) Two coats	R.M	11.79	18.71
		R.ft	3.59	5.71
17-42	b) 3/4" (20 mm) nominal size of pipe			
17-42	i) One coat	R.M	7.05	10.80
		R.ft	2.15	3.29
		R.M	14.11	22.40
17-42	ii) Two coats	R.M	14.11	22.40
		R.ft	4.30	6.83
17-42	c) 1" (25 mm) nominal size of pipe			
17-42	i) One coat	R.M	9.15	14.00
		R.ft	2.79	4.27
		R.M	18.29	29.04
17-42	ii) Two coats	R.M	18.29	29.04
		R.ft	5.58	8.85
17-42	d) 1-1/4" (32 mm) nominal size of pipe			
17-42	i) One coat	R.M	11.18	17.11
		R.ft	3.41	5.22
		R.M	22.36	35.49
17-42	ii) Two coats	R.M	22.36	35.49
		R.ft	6.82	10.82
		R.M	13.50	20.67
17-42	e) 1-1/2" (40 mm) nominal size of pipe			
17-42	i) One coat	R.M	13.50	20.67
		R.ft	4.12	6.30
		R.M	27.00	42.86
17-42	ii) Two coats	R.M	27.00	42.86
		R.ft	8.23	13.07
		R.M	16.64	25.47
17-42	f) 2" (50 mm) nominal size of pipe			
17-42	i) One coat	R.M	16.64	25.47
		R.ft	5.07	7.77
		R.M	33.27	52.82
17-42	ii) Two coats	R.M	33.27	52.82
		R.ft	10.14	16.10
17-42	g) 2-1/2" (65 mm) nominal size of pipe			
17-42	i) One coat	R.M	20.99	32.14
		R.ft	6.40	9.80

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
	ii) Two coats	R.M	41.98	66.65
		R.ft	12.80	20.32
h) 3" (75 mm) nominal size of pipe	i) One coat	R.M	25.58	39.16
		R.ft	7.80	11.94
ii) Two coats		R.M	51.16	81.21
		R.ft	15.60	24.76
i) 4" (100 mm) nominal size of pipe	i) One coat	R.M	31.65	48.45
		R.ft	9.65	14.77
ii) Two coats		R.M	63.29	100.48
		R.ft	19.30	30.63
j) 5" (125 mm) nominal size of pipe	i) One coat	R.M	39.19	60.01
		R.ft	11.95	18.30
ii) Two coats		R.M	78.39	124.44
		R.ft	23.90	37.94
k) 6" (150 mm) nominal size of pipe	i) One coat	R.M	46.74	71.56
		R.ft	14.25	21.82
ii) Two coats		R.M	93.49	148.41
		R.ft	28.50	45.25
17-43-1	Applying in ground floor or basement one coat with zinc chromate primer on old surface of approved make including sand papering and cleaning the surface.	Sq.m	92.40	263.10
		Sq.ft	8.58	24.44
17-44-1	Applying in ground floor or basement one coat with synthetic red or white lead primer on old surface of approved make including sand papering and cleaning the surface.	Sq.m	92.40	201.54
		Sq.ft	8.58	18.72
17-45-1	Applying in ground floor or basement one coat with synthetic red oxide primer on old surface of approved make including sand papering and cleaning the surface.	Sq.m	92.40	226.26
		Sq.ft	8.58	21.02
17-46-1	Removing in ground floor or basement old paint from brick works including cleaning & removing the rubbish from the site.	Sq.m	221.76	221.76
		Sq.ft	20.60	20.60
17-47	Extra for respective payable item of ground floor	%		10.0%
				7.5%
17-48-1	Painting traffic lane 5"(125 mm) wide, with road marking enamel	Sq.m	3.36	10.38
		Sq.ft	0.31	0.96
17-49-1	Painting traffic lane 5"(125 mm) wide, with road marking enamel wide with reflective chlorinated rubber (CR) paint including glass beads complete in all respects	Sq.m	184.80	455.64
		Sq.ft	17.17	42.33
17-50-1	P/L road marking with T.P (Thermoplastic) reflective paint 5" wide. Complete in all respect.	Sq.m	184.80	455.64
		Sq.ft	17.17	42.33
17-51-1	Scraping, rubbing and cleaning of oil bound distemper from ceiling and walls including removal of rubbish in all floor items.	Sq.m	46.36	94.11

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
17-52-1	Scraping, rubbing and cleaning emulsion finish distemper from walls and ceiling including removal of rubbish in all floor items.	Sq.ft	4.31	8.74
		Sq.m	84.60	113.32
		Sq.ft	7.86	10.53
17-53-1	Brushing and cleaning with solution of caustic soda the surface of stone masonry, brick masonry and concrete including removal of rubbish in all floor items.	Sq.m	51.30	80.02
		Sq.ft	4.77	7.43
17-54	White washing on old surface of walls & ceiling including dusting and cleaning in basement and ground floor			
a)	One coat	Sq.m	37.20	46.60
		Sq.ft	3.46	4.33
b)	Two coats	Sq.m	46.50	59.95
		Sq.ft	4.32	5.57
c)	Three coats	Sq.m	55.80	73.55
		Sq.ft	5.18	6.83
17-55	Colour washing on old surface of walls and ceiling including dusting and cleaning in basement and ground floor			
a)	One coat	Sq.m	38.88	49.29
		Sq.ft	3.61	4.58
b)	Two coats	Sq.m	48.18	63.29
		Sq.ft	4.48	5.88
c)	Three coats	Sq.m	57.48	76.52
		Sq.ft	5.34	7.11
17-56	Chalk washing on old surface of walls and ceiling including dusting and cleaning in basement and ground floor			
a)	One coat	Sq.m	37.20	44.79
		Sq.ft	3.46	4.16
b)	Two coats	Sq.m	55.80	62.48
		Sq.ft	5.18	5.80
c)	Three coats	Sq.m	74.40	82.95
		Sq.ft	6.91	7.71
17-57	Cement washing on old surface of walls and ceiling including dusting and cleaning in basement and ground floor			
a)	One coat	Sq.m	37.20	44.03
		Sq.ft	3.46	4.09
b)	Two coats	Sq.m	55.80	66.59
		Sq.ft	5.18	6.19
c)	Three coats	Sq.m	74.40	87.11
		Sq.ft	6.91	8.09
17-58	Painting with Premier Quality Distemper on old surface of walls and ceiling including dusting and cleaning in basement and ground floor.			
a)	One coat @ atleast 2 Kgs per 10 Sq.m.	Sq.m	115.50	162.68
		Sq.ft	10.73	15.11
b)	Two coats @ atleast 3 Kgs per 10 Sq.m.	Sq.m	138.60	206.13
		Sq.ft	12.88	19.15
17-59	Oil free distemping of approved make and shade on old surface of walls and ceiling including dusting, sand papering and cleaning in basement and ground floor.			
a)	One coat (@ atleast 0.75 Kg per 10 Sq.m)	Sq.m	57.75	91.54
		Sq.ft	5.37	8.50
b)	Two coats (@ atleast 1.00 Kg per 10 Sq.m)	Sq.m	92.40	142.16

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
17-60	c) Three coats (@ atleast 1.50 Kg per 10 Sq.m)	Sq.ft	8.58	13.21
		Sq.m	115.50	152.15
		Sq.ft	10.73	14.14
	Distempering with Berger/ ICI or equivalent synthetic vinyl emulsion paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning in basement and ground floor.			
	a) One coat (@ atleast 1.25 Kg per 10 Sq.m)	Sq.m	84.00	220.81
		Sq.ft	7.80	20.51
	b) Two coats (@ atleast 1.50 Litre per 10 Sq.m)	Sq.m	115.50	280.12
		Sq.ft	10.73	26.02
	c) Three coats (@ atleast 1.75 Litre per 10 Sq.m)	Sq.m	138.60	330.77
		Sq.ft	12.88	30.73
17-61	Applying weather resistant paint coating such as ICI/ Berger or equivalent paint of approved shade on old surface of walls and ceiling including dusting, sand papering and cleaning, scaffolding and removal of debris.			
	a) One coat (@ atleast 1.75 Litre per 10 Sq.m)	Sq.m	218.40	589.82
		Sq.ft	20.29	54.80
	b) Two coats(@ atleast 2.25 Litre per 10 Sq.m)	Sq.m	247.80	725.33
		Sq.ft	23.02	67.39
	c) Three coats (@ atleast 3.00 Litre per 10 Sq.m)	Sq.m	310.80	861.34
		Sq.ft	28.87	80.02
	17-62-1 White washing three coats including dusting, filling the holes, cracks and removing inequalities, if any, at any height in any floor.	Sq.m	48.24	157.85
		Sq.ft	4.48	14.66
	17-63-1 Colour washing two coats over and including the cost of one priming coat of lie wash including dusting, filling the holes, cracks and removing inequalities, if any, at any height in any floor	Sq.m	53.06	173.63
		Sq.ft	4.93	16.13
17-64-1	Chalk washing three coats at any height in any floor.	Sq.m	48.21	72.88
		Sq.ft	4.48	6.77
		Sq.m	29.64	39.02
17-65-1	Cement washing two coats at any height in any floor.	Sq.ft	2.75	3.62
17-66-1	Oil free distempering of approved make and shade in two or more coats over and including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 1.25 kg per 10 Sq.m of distemper per coat)	Sq.m	170.40	267.74
		Sq.ft	15.83	24.87
17-67-1	Distempering with Berger, ICI or equivalent synthetic polyvinyl emulsion finish of approved shade in two or more coats over and including the cost of priming coat including preparation of surface viz. dusting, sand papering or rubbing with pumice stone, filling cracks or holes, if any, removing blisters or other imperfections at any height and any floor. (@ atleast 2.20 Litre per 10 Sq.m)	Sq.m	205.05	481.06
		Sq.ft	19.05	44.69
17-68-1	Snow ceming of approved make and shade in two coats well scrubbed into the surface including finishing smooth at any height in ground floor and basement (@ atleast 3.25 Kgs per 10 Sq.m.	Sq.m	193.50	310.70
		Sq.ft	17.98	28.86

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
17-69-1	Applying weather resistant paint coating such as ICI weather shield,Berger weather coat or equivalent to interior or exterior walls or ceiling including supplying all labour, materials, scaffoldings and removal of debris etc. @ atleast 3.50 litre per 10 Sq.m.	Sq.m	277.20	869.41
		Sq.ft	25.75	80.77
17-70-1	Extra for making band of required size in white wash, colour wash and distemper at any height in ground floor and basement	Sq.m	166.80	171.80
		Sq.ft	15.50	15.96
17-71-1	Applying architectural coating such as Rockwall, Durock, Graphaito or equivalent to interior or exterior walls including supplying all labour, materials, scaffoldings and removal of debris etc.	Sq.m	277.20	560.20
		Sq.ft	25.75	52.04
17-72-1	Extra for Paint of height above 12 ft but upto 24 ft on Ground Floor only	%		15%

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SECTION - 18

LINING OF CANALS

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
18-1	Forming, dressing and preparing sub-grade to provide smooth and finished surface for lining in bed and on side slopes on already compacted embankment of canals.			
a)	In bed	Sq.m	148.65	148.65
		Sq.ft	13.81	13.81
b)	On slopes	Sq.m	204.00	204.00
		Sq.ft	18.95	18.95
18-2-1	Trench excavation for profile walls of lining in bed and on slopes below sub-grade level and disposal of excavated material upto 50 ft (15 m.)	Cu.m	50.40	50.40
		Cu.ft	1.43	1.43
18-3-1	Providing and laying 2" (50 mm) thick stabilizing layer of cement sand mortar(1:30) on slopes including curing. Excavation below sub-grade line will be paid under item 18-2-1.	Sq.m	320.40	487.71
		Sq.ft	29.77	45.31
18-4-1	Providing and laying 1/2 " (13 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing.		-	-
a)	In bed	Sq.m	204.60	330.99
		Sq.ft	19.01	30.75
b)	On slopes	Sq.m	252.36	378.75
		Sq.ft	23.45	35.19
18-5	Providing and laying 1" (25 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing.		-	-
a)	In bed	Sq.m	249.00	492.42
		Sq.ft	23.13	45.75
b)	On slopes	Sq.m	313.35	556.77
		Sq.ft	29.11	51.73
18-6	Providing and laying 1.25" (32 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing.		-	-
a)	In bed	Sq.m	313.35	624.65
		Sq.ft	29.11	58.03
b)	On slopes	Sq.m	377.40	688.70
		Sq.ft	35.06	63.98
18-7	Providing and laying 1.5" (38 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing.		-	-
a)	In bed	Sq.m	377.40	742.10
		Sq.ft	35.06	68.94
b)	On slopes	Sq.m	406.80	771.50
		Sq.ft	37.79	71.68
18-8	Providing and laying 1.75" (45 mm) thick cement plaster 1:6 in bed and on slopes of canals including trowel finishing and curing.		-	-
a)	In bed	Sq.m	406.80	839.43
		Sq.ft	37.79	77.99
b)	On slopes	Sq.m	455.10	887.73
		Sq.ft	42.28	82.47
18-9	Providing and laying 1/2 " (13 mm) thick cement plaster 1:3 in bed and on slopes of canals including trowel finishing and curing.		-	-
a)	In bed	Sq.m	204.60	429.95
		Sq.ft	19.01	39.94
b)	On slopes	Sq.m	252.36	477.71
		Sq.ft	23.45	44.38
18-10-1	Providing and spraying asphalt/bitumen membrane 1.65 kg/sq.m. having a thickness of not less than (1/16") 1.6mm on mortar base and/or on lining including heating and cost of hire charges of plant.	Sq.m	133.20	654.63
		Sq.ft	12.37	60.82

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
18-11-1	Providing and spraying asphalt/bitumen membrane 3.30 kg/sq.m. having a thickness of not less than (1/8") 3.2mm on mortar base and/or on lining including heating and cost of hire charges of plant.	Sq.m	186.60	1,130.47
		Sq.ft	17.34	105.02
18-12	Providing and laying first class burnt brick tiles 12" x 6" x 2" (305mm x152mm x 51mm) in lining between profile walls in 1 : 6 cement sand mortar over and including the cost of 3/8" (9.5mm) bedding and vertical joints and including scaffolding, formwork, its removal and curing. The stabilizing layer and cement plaster as laid on site as per design requirements, will be paid separately.		-	-
a) In bed		Cu.m	4,908.00	17,019.86
		Cu.ft	138.98	481.95
b) On slopes		Cu.m	5,632.50	17,744.36
		Cu.ft	159.49	502.46
18-13	Providing and laying first class burnt brick tiles 12" x 6" x 2" (305mm x152mm x 51mm) in lining between profile walls in 1:3 cement sand mortar over and including the cost of 3/8" (9.5mm) bedding and vertical joints and including scaffolding, formwork, its removal and curing. The stabilizing layer and cement plaster as laid on site as per design requirements, will be paid separately.		-	-
a) In bed		Cu.m	4,908.00	15,436.83
		Cu.ft	138.98	437.12
b) On slopes		Cu.m	5,632.50	17,744.36
		Cu.ft	159.49	502.46
18-14	Providing and laying first class burnt brick 9" x 4.38" x 2.69" (230mm x110mm x 68mm) in lining between profile walls in 1:6 cement sand mortar over and including the cost of 3/8" (9.5mm) bedding and vertical joints and including scaffolding, formwork, its removal and curing. The stabilizing layer and cement plaster as laid on the site as per design requirements, will be paid separately.			
a) In bed		Cu.m	4,908.00	15,447.63
		Cu.ft	138.98	437.43
b) On slopes		Cu.m	5,632.50	16,172.13
		Cu.ft	159.49	457.94
18-15	Providing and laying first class burnt brick 9" x 4.38" x 2.69" (230mm x110mm x 68mm) in lining between profile walls in 1:3 cement sand mortar over and including the cost of 3/8" (9.5mm) bedding and vertical joints and including scaffolding, formwork, its removal and curing. The stabilizing layer and cement plaster as laid on site as per design requirements, will be paid separately.			
a) In bed		Cu.m	4,908.00	14,985.90
		Cu.ft	138.98	424.35
b) On slopes		Cu.m	5,632.50	15,710.40
		Cu.ft	159.49	444.87
18-16	Providing and laying in situ cement concrete using crushed aggregate 3/4" (19mm) thick and down gauge in canal lining including scaffolding, formwork, its removal and curing.			
a) In bed				
i) Cement concrete lining 1 : 2 : 4		Cu.m	3,988.50	16,314.35
		Cu.ft	112.94	461.97
ii) Cement concrete lining 1 : 3 : 6		Cu.m	3,988.50	14,920.57
		Cu.ft	112.94	422.50
iii) Cement concrete lining 1 : 4 : 8		Cu.m	3,988.50	12,991.25
		Cu.ft	112.94	367.87
b) On slopes			-	-
i) Cement concrete lining 1 : 2 : 4		Cu.m	4,671.00	17,310.87

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
ii)	Cement concrete lining 1 : 3 : 6	Cu.ft	132.27	490.19
		Cu.m	4,671.00	15,623.54
iii)	Cement concrete lining 1 : 4 : 8	Cu.ft	132.27	442.41
		Cu.m	4,671.00	13,694.22
		Cu.ft	132.27	387.78

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Composite Schedule of Rates

SECTION - 19

PROTECTION AND DIVERSION WORK

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
19-1	a) Cutting pilchi, frash or sarkanda including carriage within one km.	Cu.m	420.00	420.00
		Cu.ft	11.89	11.89
	b) Extra for every additional 1/2 km. or part thereof.	Cu.m	84.00	84.00
		Cu.ft	2.38	2.38
19-2-1	Weaving mattresses.	Sq.m	84.00	84.00
		Sq.ft	7.80	7.80
19-3-1	Supplying and filling old jute bags 1.25 Cu.ft. (0.035Cu.m.) capacity with sand or earth including sewing and stacking on dry surface.	Each	42.00	170.34
19-4-1	Supplying and filling old jute bags 1.25 Cu.ft. (0.035Cu.m.) capacity with sand or earth including sewing and laying in position under water.	Each	84.00	212.34
19-5-1	Supplying & filling new jute bags 4 to 5 Cu.ft. (0.11 to 0.14Cu.m.) capacity with sand or earth including sewing and stacking on dry surface	Each	168.00	599.94
19-6-1	Supplying & filling new jute bags 4 to 5 Cu.ft. (0.11 to 0.14Cu.m.) capacity with sand or earth including sewing and laying in position under water.	Each	252.00	683.94
19-7	Carriage of jute bags 1.25 Cu.ft.(0.035 cu.m.) capacity filled with sand or earth.		-	-
	a) First 100 ft.(30 m.) (1st chain)	%Nos.	420.00	420.00
	b) Second 100 ft.(30 m.) or part thereof to 400 ft.(120 m.) per 30m. (2nd chain to 4th chain)	%Nos. per 30m.	168.00	168.00
	c) Fifth 100 ft. (30 m.) or part thereof (5th chain)	%Nos. per 30m.	84.00	84.00
19-8	Carriage of jute bags 4 to 5 Cu.ft. (0.11 to 0.14 cu.m.) capacity filled with sand or earth.		-	-
	a) First 100 ft. (30 m.) (1st chain)	%Nos.	1,680.00	1,680.00
	b) Second 100 ft.(30 m.) or part thereof to 400 ft.(120 m.) per 30 m.(2nd chain to 4th chain)	%Nos. per 30m	672.00	672.00
	c) Fifth 100 ft.(30 m.) or part thereof (5th chain)	%Nos. per 30m	336.00	336.00
19-9	Rolling mattresses to river edge and floating after unrolling.		-	-
	a) Area of mattresses upto 2000 Sq.ft.(186 Sq.m.)	Sq.m	1,176.00	1,176.00
	b) Area of mattresses above 2000 upto 2500 Sq.ft.(186 to 232 Sq.m.)	Sq.m	1,680.00	1,680.00
	c) Area of mattresses above 2500 Sq.ft.(232 Sq.m.)	Sq.m	2,016.00	2,016.00
19-10-1	Sewing empty cement bags in sheets.	%Nos.	1,680.00	2,520.00
19-11-1	Making compact pilchi, frash or sarkanda round bundles of specified size for the work	Cu.m	840.00	1,050.00
		Cu.ft	23.79	29.73
19-12-1	Launching round bundles as in item No.19-11-1 in canal or in river and placing in position.	Cu.m	588.00	588.00
		Cu.ft	16.65	16.65
19-13	Collecting and stacking at site of work within 500 ft. (150 m or Five chains)		-	-
	a) Boulders and/or stones 9" (230 mm) and above.	Cu.m	1,680.00	1,680.00
		Cu.ft	47.57	47.57
	b) Oversize shingle 3" to 9" (75 mm to 230 mm).	Cu.m	1,092.00	1,092.00
		Cu.ft	30.92	30.92
	c) Mixed graded shingle	Cu.m	1,344.00	1,344.00
		Cu.ft	38.06	38.06
19-14-1	Supplying Munj or Patha Trungers 6" (150 mm) mesh, capacity 3 Cu.ft (0.085 Cu.m) or one Sq.m. in size.	Each	168.00	552.00

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
19-15-1	Providing and laying Crush Aggregate on top of bund, including handling of material within 300 ft. (90m).	Cu.m	504.00	2,395.56
		Cu.ft	14.27	67.83
19-16	Providing and weaving G.I. wire netting for wire crates including siding and partition to make crates.		-	-
a) 6" (150 mm) mesh			-	-
i) 15 SWG (1.69 mm) wire	Sq.m	208.80	402.60	
	Sq.ft	19.40	37.40	
ii) 10 SWG (2.54 mm) wire	Sq.m	217.50	670.14	
	Sq.ft	20.21	62.26	
iii) 8 SWG (3.18 mm) wire	Sq.m	217.50	953.94	
	Sq.ft	20.21	88.62	
b) 4" (100 mm) mesh			-	-
i) 15 SWG (1.69 mm) wire	Sq.m	278.40	588.48	
	Sq.ft	25.86	54.67	
ii) 10 SWG (2.54 mm) wire	Sq.m	295.80	964.92	
	Sq.ft	27.48	89.64	
iii) 8 SWG (3.18 mm) wire	Sq.m	295.80	1,342.32	
	Sq.ft	27.48	124.71	
19-17	Supplying and dumping without boat within a lead of 300 ft (90m or three chains). (No additional cost to be provided for voids)		-	-
a) Stone or boulders	Cu.m	924.00	2,036.76	
	Cu.ft	26.16	57.67	
b) Shingle or spawl	Cu.m	924.00	2,815.56	
	Cu.ft	26.16	79.73	
c) Brick bats	Cu.m	714.00	1,994.40	
	Cu.ft	20.22	56.48	
19-18	Supplying and dumping by boat within a lead of 300 ft (90m or three chains). (No additional cost to be provided for voids)		-	-
a) Stone or boulders	Cu.m	1,884.00	2,996.76	
	Cu.ft	53.35	84.86	
b) Shingle or spawl	Cu.m	1,884.00	3,775.56	
	Cu.ft	53.35	106.91	
c) Brick bats	Cu.m	1,380.00	2,660.40	
	Cu.ft	39.08	75.33	
19-19	Providing and filling brick bats into crates, the cost of crates will be paid for separately	Cu.m	1,260.00	2,424.00
	Cu.ft	35.68	68.64	
19-20	Supplying, filling and packing brick into crates by hand, the cost of crates will be paid for separately	Cu.m	1,512.00	1,523.07
	Cu.ft	42.82	43.13	
19-21	Supplying and filling in wire crates including sewing the crates. The cost of crates shall be paid for separately.Semi -dressed with hand packing.		-	-
a) Stone or boulders	Cu.m	1,596.00	2,708.76	
	Cu.ft	45.19	76.70	
b) Shingle or spawl	Cu.m	1,596.00	3,487.56	
	Cu.ft	45.19	98.76	
19-22	Extra for anchoring boats for dumping by boats and or tipping crates.	Cu.m	210.00	210.00
	Cu.ft	5.95	5.95	
19-23	Extra for tipping crates over and above item 19-22.	Cu.m	840.00	840.00
	Cu.ft	23.79	23.79	
19-24	Pilchi revetment including carriage within one kilometre.	Sq.m	134.40	355.68

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
19-25	Surface protection with pilchi mattresses including carriage upto one kilometre.	Sq.ft	12.49	33.04
		Sq.m	336.00	355.22
		Sq.ft	31.22	33.00
19-26	Supplying and laying pilchi, sarkanda or frash pitching on slopes within one Km. Including supplying and driving of pegs 1.5 ft (0.5m.) long sharpened at one end and tying with wire or munj/patha band. Cost of placing earth between rolls shall be paid for separately as earthwork.	Sq.m	237.46	769.72
		Sq.ft	22.06	71.51
19-27	Constructing groyne upto 5 ft.(1.5m) height, with single row of wooden vertical stakes 7" to 12" (175mm to 300mm.) dia., 12" (0.3m) apart, average lead one Km. The measurement shall be made for the area of elevation on one face only.	Sq.m	87.00	639.00
		Sq.ft	8.08	59.37
19-28	Constructing groyne upto 10 ft. (3m) height, with double row of wooden vertical stakes 7" to 12" (175mm to 300mm) dia., 12" (0.3m) apart, average lead one Km. The measurement shall be made for the area of elevation on one face only.	Sq.m	156.00	531.36
		Sq.ft	14.49	49.37
19-29	Providing and laying stone pitching and/or filling dry hand packed as filling behind retaining walls and/or in pitching or aprons.	Cu.m	1,044.00	2,055.60
		Cu.ft	29.56	58.21
19-30 a)	Providing and laying stone pitching with hammer dressed stones on surface laid in courses including lift of 1.5 m and lead upto 30m.	Cu.m	2,814.00	4,920.72
		Cu.ft	79.68	139.34
		Cu.m	336.00	336.00
19-30 b)	Extra for every 5 ft of additional lift	Cu.ft	9.51	9.51
19-31	Providing and laying stone pitching for top layer only.		-	-
19-31 a)	On slope	Cu.m	2,520.00	4,626.72
		Cu.ft	71.36	131.01
19-31 b)	On level	Cu.m	2,016.00	4,122.72
		Cu.ft	57.09	116.74
19-32	Providing and filling stone spawl. (No additional cost to be provided for voids)		-	-
19-32 a)	On slope	Cu.m	1,008.00	2,990.88
		Cu.ft	28.54	84.69
19-32 b)	On level	Cu.m	672.00	2,778.72
		Cu.ft	19.03	78.68
19-33	Providing and laying stone pitching by hand packing with surface levelled off to the correct section and voids filled in 1:8 cement sand mortar in floors of bridges, along banks and/or in aprons. (No additional cost to be provided for voids)		-	-
19-33 a)	Top layer on slope	Cu.m	4,116.00	8,375.86
		Cu.ft	116.55	237.18
19-33 b)	Top layer on level	Cu.m	3,780.00	8,023.06
		Cu.ft	107.04	227.19
19-33 c)	Stone pitching and/or filling on slope or on level surface other than top layer.	Cu.m	1,953.00	5,814.01
		Cu.ft	55.30	164.63
19-34	Grouting stone pitching.		-	-
19-34 a)	Cement sand mortar 1 : 3	Sq.m	425.10	1,426.82
		Sq.ft	39.49	132.56
19-34 b)	Cement sand mortar 1 : 8	Sq.m	425.10	903.27

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
19-35-1	Sand grouting in stone apron with high pressure hose.	Sq.ft	39.49	83.92
		Sq.m	159.60	248.41
	a) Grouting or filling stone pitching with shingle/bajri.	Sq.ft	14.83	23.08
		Sq.m	159.60	252.52
	b) Grouting or filling stone pitching with P.C.C 1:3:6	Sq.ft	14.83	23.46
		Sq.m	159.60	241.41
19-36-1a)	Grouting or filling stone pitching with shingle/bajri	Sq.ft	14.83	22.43
19-37-1	Removing stone and repitching (hand packed) on slopes or level including making good any damage to slopes and or level portion.	Cu.m	1,627.50	1,643.78
		Cu.ft	46.09	46.55
19-38-1	Grouting jharies between blocks with Crush Aggregate.		640.50	1,179.78
19-39	Breaking stone into spawls and stacking.		-	-
a)	3" (75 mm) and down gauge	Cu.m	1,344.00	1,344.00
		Cu.ft	38.06	38.06
	b) 2.5" (64 mm) and down gauge	Cu.m	1,512.00	1,512.00
		Cu.ft	42.82	42.82
	c) 2" (50 mm) and down gauge	Cu.m	1,680.00	1,680.00
		Cu.ft	47.57	47.57
	d) 1.5" (37 mm) and down gauge	Cu.m	1,848.00	1,848.00
		Cu.ft	52.33	52.33
	e) 1" (25 mm) and down gauge	Cu.m	2,016.00	2,016.00
		Cu.ft	57.09	57.09
	f) 3/4" (19 mm) and down gauge	Cu.m	2,142.00	2,142.00
		Cu.ft	60.65	60.65
19-40	Fixing floating spurs, with material taken from canal plantation within one Km.		-	-
a)	Upto 1.5 ft. (0.5 m.) full supply depth	Each	40.32	40.32
	b) Above 1.5 to 3 ft. (0.5 to 1.0 m.) full supply depth	Each	60.48	60.48
	c) Above 3 to 4.5 ft. (1.0 to 1.5 m.) full supply depth	Each	80.64	80.64
	d) Above 4.5 ft. (1.5 m.) full supply depth	Each	120.96	120.96
19-41	Cutting unsharpened pegs from canal plantation and stacking within one km.		-	-
a)	Unsharpened pegs 3 ft.(1m.) long & 3" to 6" (75 to 150mm) dia.	%Nos.	1,728.00	2,160.00
	b) Unsharpened pegs above 3 ft.to 4 ft.(1m to 1.25m.) long & 3" to 6" (75mm to 150mm) dia.	%Nos.	1,944.00	2,430.00
	c) Unsharpened pegs 4 ft.to 4.5 ft.(1.25m to 1.5m.) long & 3" to 6" (75mm to 150 mm) dia.	%Nos.	2,376.00	2,970.00
	d) Unsharpened pegs above 4.5 ft.to 6.5 ft.(1.5m to 2m.) long & 3" to 6" (75mm to 150mm) dia.	%Nos.	2,808.00	3,510.00
	e) Unsharpened pegs above 6.5 ft.to 8 ft.(2m to 2.5m) long & 4" to 8" (100mm to 200mm) dia.	%Nos.	5,616.00	7,020.00
19-42	Supplying unsharpened pegs and stacking along the canal bank.		-	-
a)	Unsharpened pegs 3 ft.(1m.) long & 3" to 6" (75 to 150 mm) dia.	%Nos.	-	2,592.00
	b) Unsharpened pegs above 3 ft.to 4 ft.(1m to 1.25m.) long & 3" to 6" (75mm to 150mm) dia.	%Nos.	-	2,916.00
	c) Unsharpened pegs above 4 ft.to 4.5 ft.(1.25m to 1.5m.) long & 3" to 6" (75mm to 150mm) dia.	%Nos.	-	3,564.00
	d) Unsharpened pegs above 4.5 ft.to 6.5 ft.(1.5m to 2m.) long & 3" to 6" (75mm to 150mm) dia.	%Nos.	-	4,212.00
	e) Unsharpened pegs above 6.5 ft.to 8 ft.(2m to 2.5m) long & 4" to 8" (100mm to 200mm) dia.	%Nos.	-	8,424.00
19-43	Sharpening one end of pegs		-	-
a)	Pegs 3 ft.(1m.) long & 3" to 6" (75 to 150 mm) dia.	%Nos.	1,080.00	1,080.00

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
19-44	b) Pegs above 3 ft.to 4 ft.(1m to 1.25m.) long & 3" to 6" (75mm to 150mm) dia.	%Nos.	1,134.00	1,134.00
	c) Pegs above 4 ft.to 4.5 ft.(1.25m to 1.5m.) long & 3" to 6" (75mm to 150mm) dia.	%Nos.	1,192.97	1,192.97
	d) Pegs above 4.5 ft.to 6.5 ft.(1.5m to 2m.) long & 3" to 6" (75mm to 150mm) dia.	%Nos.	1,311.55	1,311.55
	e) Pegs above 6.5 ft.to 8 ft.(2m to 2.5m.) long & 4" to 8" (100mm to 200mm) dia.	%Nos.	1,705.02	1,705.02
	Driving pegs below the available bed and/or ground level.		-	-
19-45	a) Pegs 3 ft.(1m.) long & 3" to 6" (75 to 150 mm) dia to be driven 1 ft. (0.3m)	%Nos.	1,402.80	1,402.80
	b) Pegs above 3 ft.to 4 ft.(1m to 1.25m.) long & 3" to 6" (75mm to 150mm) dia to be driven 1.25 ft. (0.4 m)	%Nos.	1,613.22	1,613.22
	c) Pegs 4 ft.to 4.5 ft.(1.25m to 1.5m.) long & 3" to 6" (75mm to 150 mm) dia to be driven 1.5 ft. (0.45 m)	%Nos.	1,855.20	1,855.20
	d) Pegs above 4.5 ft.to 6.5 ft.(1.5m to 2m.) long & 3" to 6" (75mm to 150mm) dia to be driven 1.75 ft. (0.55 m)	%Nos.	2,133.48	2,133.48
	e) Pegs above 6.5 ft.to 8 ft.(2m to 2.5m.) long & 4" to 8" (100mm to 200mm) dia to be driven 2 ft. (0.6 m)	%Nos.	2,453.51	2,453.51
19-45	Tying one row of pegs of any size with mung, patha or coir ban including tying round each peg.	Per 30m. of one row	2,453.51	2,741.51
19-46	Cutting brush wood from canal plantation lead within one km and wattling between stakes and inter twining (Av. thickness = 1ft. (0.3m) of wattled brushwood)		-	-
	a) For 3 ft. (1 m.) long pegs.	Per 30m. of one row	3,864.00	3,864.00
	b) For 3 ft. to 4 ft. (1 m. to 1.25 m) long pegs.	Per 30m. of one row	4,032.00	4,032.00
	c) For 4 ft. to 5 ft. (1.25 m. to 1.5 m) long pegs.	Per 30m. of one row	5,208.00	5,208.00
	d) For 5 ft. to 6.5 ft. (1.5 m. to 2 m) long pegs.	Per 30m. of one row	6,720.00	6,720.00
	e) For 6.5 ft. to 8 ft. (2 m. to 2.5 m) long pegs.	Per 30m. of one row	9,072.00	9,072.00
19-47	Supplying brush wood and stacking along the canal and wattling between stakes and inter twining (Av. thickness = 1ft. (0.3m) of wattled brushwood)		-	-
	a) For 3 ft. (1 m.) long pegs.	Per 30m. of one row	-	4,250.40
	b) For 3 ft. to 4 ft. (1 m. to 1.25 m) long pegs.	Per 30m. of one row	-	4,435.20
	c) For 4 ft. to 5 ft. (1.25 m. to 1.5 m) long pegs.	Per 30m. of one row	-	5,728.80
	d) For 5 ft. to 6.5 ft. (1.5 m. to 2 m) long pegs.	Per 30m. of one row	-	7,392.00
	e) For 6.5 ft. to 8 ft. (2 m. to 2.5 m) long pegs.	Per 30m. of one row	-	9,979.20
19-48	Supplying bamboos.		-	-
	a) 10 ft. (3 m.) long and 2" (50 mm) dia.	Each	-	403.20
	b) 11.5 ft. (3.5 m.) long and 3" (75 mm) dia.	Each	-	516.60
	c) 14 ft. (4.25 m.) long and 3" (75 mm) dia.	Each	-	627.30
	d) 16.5 ft. (5 m.) long and 3.5" to 4" (87.5 mm to 100 mm) dia.	Each	-	762.00
	e) 20 ft. (6 m.) long and 3.5" to 4" (87.5 mm to 100 mm) dia.	Each	-	914.40
19-49	Sharpening one end of bamboo pegs.		-	-
	a) 10 ft. (3 m.) long and 2" (50 mm) dia.	%Nos.	1,512.00	1,512.00
	b) 11.5 ft. (3.5 m.) long and 3" (75 mm) dia.	%Nos.	1,663.20	1,663.20
	c) 14 ft. (4.25 m.) long and 3" (75 mm) dia.	%Nos.	1,829.52	1,829.52
	d) 16.5 ft. (5 m.) long and 3.5" to 4" (87.5 mm to 100 mm) dia.	%Nos.	2,012.47	2,012.47
	e) 20 ft. (6 m.) long and 3.5" to 4" (87.5 mm to 100 mm) dia.	%Nos.	2,213.72	2,213.72

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
19-50	Driving bamboos below available bed and/or ground level.		-	-
a)	10 ft. (3 m.) long and 2" (50 mm) dia. to be driven 2.5 ft. (0.75m)	%Nos.	2,239.44	2,239.44
b)	11.5 ft.(3.5 m.) long and 3" (75 mm) dia to be driven 2.75 ft (0.8m)	%Nos.	2,575.36	2,575.36
c)	14 ft. (4.25 m.) long and 3" (75 mm) dia to be driven 3.5 ft (1.05m)	%Nos.	2,961.66	2,961.66
d)	16.5 ft.(5m) long and 3.5" to 4" (87.5mm to 100mm) dia to be driven 4 ft (1.05m)	%Nos.	3,405.91	3,405.91
e)	20 ft. (6 m) long and 3.5" to 4" (87.5mm to 100mm) dia to be driven 4 ft (1.25m)	%Nos.	3,916.79	3,916.79
19-51-1	Tying two rows of bamboos 50mm dia with munj, patha or coir ban including tying around each peg.	Per 30m. of one row	168.00	590.40
19-52-1	Tying two rows of bamboos 3" to 4" (75mm to 100mm) dia with G.I SWG No.10 (2.54mm) wire including tying around the bamboos and third tie around the top end only	Per 30m. of one row	180.00	4,116.00
19-53	Cutting brush wood from canal plantation lead within one km and wattling between stakes and inter twining (Av. thickness = 1ft (0.3m) of wattled brush wood).		-	-
a)	For bamboos above 8 ft. to 10 ft.(2.5 to 3 m.) long	Per 30m. of one row	11,088.00	11,088.00
b)	For bamboos above 10 ft. to 11.5 ft.(3 to 3.5 m.) long	Per 30m. of one row	13,272.00	13,272.00
c)	For bamboos above 11.5 ft. to 13 ft.(3.5 to 4 m.) long	Per 30m. of one row	14,868.00	14,868.00
d)	For bamboos above 13 ft. to 15 ft.(4 to 4.5 m.) long	Per 30m. of one row	17,640.00	17,640.00
e)	For bamboos above 15 ft. to 16.5 ft.(4.5 to 5 m.) long	Per 30m. of one row	19,320.00	19,320.00
f)	For bamboos above 16.5 ft. to 20 ft.(5 to 6 m.) long	Per 30m. of one row	23,352.00	23,352.00
19-54	Supply brush wood and stacking along the canal bank and wattling between stakes and inter twining (Av. thickness = 1ft. (0.3 m) of wattled brush wood		-	-
a)	For bamboos above 8 ft. to 10 ft.(2.5 to 3 m.) long	Per 30m. of one row	11,088.00	12,196.80
b)	For bamboos above 10 ft. to 11.5 ft.(3 to 3.5 m.) long	Per 30m. of one row	13,272.00	14,599.20
c)	For bamboos above 11.5 ft. to 13 ft.(3.5 to 4m.) long	Per 30m. of one row	14,868.00	16,354.80
d)	For bamboos above 13 ft. to 15 ft.(4 to 4.5m.) long	Per 30m. of one row	17,640.00	19,404.00
e)	For bamboos above 15 ft. to 16.5 ft.(4.5 to 5 m.) long	Per 30m. of one row	19,320.00	21,252.00
f)	For bamboos above 16.5 ft. to 20 ft.(5 to 6 m.) long	Per 30m. of one row	23,352.00	25,687.20
19-55-1	Cutting and stacking brush wood from canal plantation within one km.	Cu.m	336.00	336.00
		Cu.ft	9.51	9.51
19-56-1	Supplying brush wood and stacking along canal bank.	Cu.m	336.00	369.60
		Cu.ft	9.51	10.47
19-57-1	Filling brush wood only, thoroughly packed.	Cu.m	168.00	168.00
		Cu.ft	4.76	4.76
19-58-1	Covering road 10 to 12 ft. (3 to 3.5m.) wide with 3" (75mm) sarkanda or jungle within 100 ft. (30 m)	Per	1,560.72	1,560.72
19-59-1	Gachi pitching 1 ft (0.3m) thick.	Sq.m	742.56	742.56
		Sq.ft	68.99	68.99
19-60-1	Gachi pitching done with silt clearance and berm dressing.	Sq.m	604.80	604.80
		Sq.ft	56.19	56.19

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 20

OUTLETS

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
20-1	Earth work for outlets consisting of excavation, consolidation of earth after refilling, ramming and puddling.		-	-
a)	Channels discharge upto 50 cusecs (1.416 Cu.m.per second)	Each	2,184.00	2,184.00
b)	Channels discharge above 50 cusecs to 100 cusecs (1.416 Cu.m. to 2.832 Cu.m. per second)	Each	3,024.00	3,024.00
c)	Channels discharge above 101 cusecs to 200 cusecs (2.832 Cu.m. to 5.663 Cu.m. per second)	Each	4,536.00	4,536.00
d)	Channels discharge above 201 cusecs to 350 cusecs (5.663 Cu.m. to 9.911 Cu.m. per second)	Each	6,048.00	6,048.00
e)	Channels discharge above 350 cusecs (9.911 Cu.m. per second)	Each	8,904.00	8,904.00
20-2	Dismantling outlets including removal of material from site. The earthwork for outlets shall be paid under item 20-1		-	-
a)	Old types such as K.G.O's orifices	Each	2,184.00	2,184.00
b)	A.P.M. or O.F. "H" upto 2 ft. (0.61 m.)	Each	3,360.00	3,360.00
c)	A.P.M. or O.F. "H" above 2 ft. to 3 ft.(0.61 m. to 0.91 m.)	Each	4,536.00	4,536.00
d)	A.P.M. or O.F. "H" above 3 ft.(0.91 m.)	Each	5,544.00	5,544.00
e)	Tail cluster bifurcation	Each	3,360.00	3,360.00
f)	Tail cluster trifurcation	Each	4,536.00	4,536.00
g)	Tail cluster quardifircation	Each	5,544.00	5,544.00
20-3	Making temporary A.P.M. bricks block and fixing at site.	Each	1,155.00	1,930.19
20-4	Dismantling walls, taking out temporary A.P.M. brick block, fixing iron block and rebuilding the dismantled walls.	Each	2,562.00	2,562.00
20-5	Dismantling walls and fitting iron block of O.F. outlet.	Each	2,562.00	2,562.00
20-6	Constructing, watching and removing bund for outlet built in running water.		-	-
a)	Upto 3 ft. (1 m.) height	Each	5,376.00	5,376.00
b)	Above 3 ft. (1 m.) height	Each	7,392.00	7,392.00
20-7	Adjusting "B" of tail cluster by dismantling and rebuilding throat walls.	Each	1,333.50	2,415.88
20-8	Adjusting "Y" of an A.P.M. outlet including dismantling and rebuilding.	Each	2,520.00	4,262.38
20-9	Fixing A.P.M. and/or O.F. outlet blocks including dressing of bricks.		-	-
a)	For channel depth upto 1.5 ft. (0.5 m.)	Each	1,386.00	1,591.74
b)	For channel depth above 1.5 ft.to 3 ft. (0.5 m.to 1m)	Each	1,617.00	1,870.19
c)	For channel depth above 3 ft.to 5 ft. (1 m.to 1.5 m)	Each	2,079.00	2,401.19
d)	For channel depth above 5 ft. (1.5 m)	Each	2,956.80	3,278.99
20-10	Repairing damaged reducing collar of Hume pipe outlets.	Each	1,155.00	1,613.40
20-11	Laying iron pipes for outlets	R.M	184.80	184.80
		R.ft	56.34	56.34
20-12	Water allowance for constructing outlets or culverts when canal water is not flowing		-	-
a)	For channel depth upto 1.5 ft. (0.5 m.)	Each	1,344.00	1,344.00
b)	For channel depth above 1.5 ft.to 3 ft. (0.5 m.to 1m)	Each	1,680.00	1,680.00
c)	For channel depth above 3 ft.to 5 ft. (1 m.to 1.5 m)	Each	2,436.00	2,436.00
d)	For channel depth above 5 ft. (1.5 m)	Each	3,360.00	3,360.00
20-13	Hoisting and placing R.C. slab or stone in position on outlets or W.C culverts.	Each	1,113.00	1,113.00
20-14	Fixing pipe culverts including back-filling of earth and puddling		-	-
a)	Portion under bank	R.M	722.40	812.00
		R.ft	220.24	247.56
b)	Portion under road beyond bank	R.M	338.10	427.70
		R.ft	103.08	130.40
20-15	Removing pipe outlets and refilling earth including ramming and puddling.		-	-
a)	Portion under bank	R.M	604.80	604.80
		R.ft	184.39	184.39
b)	Portion under road beyond bank	R.M	235.20	235.20
		R.ft	71.71	71.71
20-16	Changing pipe outlets by removing one pipe and replacing it at the same site with another pipe including earthwork and puddling		-	-

Sr-No	Description	Units	Rate (Rs.)	
			Labour	Composite
a)	Portion under bank	R.M	842.10	931.70
		R.ft	256.74	284.05
b)	Portion under road beyond bank	R.M	394.80	484.40
		R.ft	120.37	147.68

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 21

ROAD AND ROAD STRUCTURES

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
21-1	Excavation or cutting to a required grade, camber and side slopes including dressing top and sides and disposal of excavated material within a lift of 5ft (1.5m) and lead upto 100 ft. (30m)			
a)	In all kinds of soil except gravelley, murum, wet silt, clay or mud.	Cu.m	25.50	435.96
		Cu.ft	0.72	12.35
b)	Wet silt, clay or mud	Cu.m	25.50	457.76
		Cu.ft	0.72	12.96
c)	Gravelly soil	Cu.m	25.50	504.37
		Cu.ft	0.72	14.28
d)	Murum soil	Cu.m	25.50	538.58
		Cu.ft	0.72	15.25
e)	Existing shingle road for placing sub-base or base course	Cu.m	25.50	641.19
		Cu.ft	0.72	18.16
f)	Extra if excavated earth is required to be filled in road embankment by placing it in layers not exceeding 9" (230mm) in depth including dressing top and sides of the bank.	Cu.m	25.50	157.50
		Cu.ft	0.72	4.46
21-2-1	Excavation or cutting in soft rock by hammering, chiselling and pick or jumper work and disposal of the excavated material within a lift 5 ft. (1.5m) and lead upto 100 ft. (30m).	Cu.m	1,005.00	1,005.00
		Cu.ft	28.46	28.46
21-3-1	Excavation or cutting in soft rock by blasting and disposal of excavated material within a lift of 5 ft. (1.5m) and lead upto 100 ft. (30m)	Cu.m	991.50	1,092.54
		Cu.ft	28.08	30.94
21-4-1	Excavation or cutting in hard rock by blasting and disposal of excavated material within a lift of 5 ft. (1.50m) and lead upto 100 ft. (30m)	Cu.m	1,678.50	1,880.58
		Cu.ft	47.53	53.25
21-5	Excavation or cutting in hard rock by hammering & chiselling and disposal of excavated material within a lift of 5 ft (1.5m) and lead upto 100 ft (30m)		-	-
a)	Soft rock, slate, shale, schist or laterite work with pick and crow bar	Cu.m	835.38	1,096.89
		Cu.ft	23.66	31.06
b)	Medium hard rock requiring occasional blasting	Cu.m	1,135.27	1,589.37
		Cu.ft	32.15	45.01
21-6	Making earthen embankment with earth taken from approved borrow pits including cost of excavation, placing in layers not exceeding 9" (230mm) in depth including dressing top and sides of the bank within a lift of 5 ft. (1.5m) and lead upto 100 ft. (30m). (Excluding the royalty of Earth, Compaction and its carriage)		-	-
a)	In all kinds of soil except gravelley, murum, wet silt, clay or mud and rock.	Cu.m	23.94	148.52
		Cu.ft	0.68	4.21
b)	In wet silt, clay and mud	Cu.m	23.94	213.79
		Cu.ft	0.68	6.05
c)	In gravelly soil	Cu.m	23.94	409.57
		Cu.ft	0.68	11.60
d)	In murum soil	Cu.m	23.94	333.05
		Cu.ft	0.68	9.43
21-7 a)	Extra for every 50 ft (15 m) additional lead or part thereof upto 820 ft.(250m) over items 21-1 and 21-6 for soft, ordinary, hard and very hard soil	Cu.m	4.03	4.03
		Cu.ft	0.11	0.11
b)	Extra for lift beyond first 5 ft. (1.5 m.) and upto 10 ft. (3m.) over items 21-1 and 21-6.	Cu.m	33.60	33.60
		Cu.ft	0.95	0.95

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
21-8 a)	Extra for every 50 ft. (15m) additional lead or part thereof upto 820 ft. (250m) for items 21-2 to 21-5 for gravel, shingle or rock. (including royalty of Quarry).	Cu.m	5.21	5.21
		Cu.ft	0.15	0.15
		Cu.m	42.00	42.00
		Cu.ft	1.19	1.19
		Cu.m	55.44	55.44
21-9-1	Extra for additional lift for every 5 fts beyond 10 ft. (3 m.) over items 21-2 to 21-5.	Cu.ft	1.57	1.57
		Cu.m	12.35	363.95
		Cu.ft	0.35	10.31
		Sq.m	4.03	39.99
		Sq.ft	0.37	3.72
21-10 a)	Preparation and compaction upto 95% modified AASHTO of natural ground upto a depth of 8" (20mm) in ordinary soil.	Sq.m	2.77	21.58
		Sq.ft	0.26	2.01
		Sq.m	42.00	78.99
		Sq.ft	3.90	7.34
		Sq.m	88.20	337.95
21-11-1	Preparation of subgrade over top of compacted embankment to at least 95% modified AASHTO maximum dry density with required dressing including cutting to required grade, camber and side slopes and disposal of surplus material within a lead of 90m	Sq.ft	8.19	31.40
		Sq.m	-	1,428.00
		Sq.m	-	17,522.10
		Sq.m	-	6,643.48
		Sq.m	-	1,279.68
21-12 a)	Cutting and compaction	Cu.m	839.10	3,893.09
		Cu.ft	23.76	110.24
		Cu.m	839.10	1,625.09
		Cu.ft	23.76	46.02
		Cu.m	941.40	1,098.60
21-13-1	Providing and spreading murum (stone dust) of approved quality over stone metalling (water bound macadam) or brick ballast. Watering and consolidation with road roller including all lead and lift. (murum upto 25% of road metal) (including royalty of Quarry).	Cu.ft	26.66	31.11
		Cu.m	941.40	3,710.55
		Cu.ft	26.66	105.07
		Cu.m	941.40	3,710.55
		Cu.ft	26.66	105.07
21-14 A	Providing and laying stone soling 6" thick with stone available at site to required grade and camber including packing with spawls, chips, watering, compacting with road roller and with all lead and lift. (excluding royalty of Quarry)	Cu.m	941.40	1,098.60
		Cu.ft	26.66	31.11
		Cu.m	941.40	3,710.55
		Cu.ft	26.66	105.07
		Cu.m	941.40	3,710.55
21-14 B	Providing and laying stone soling 6" thick with approved stone to required grade and camber including packing with spawls, chips, watering, compacting with road roller and with all lead and lift.(including royalty of Quarry).	Cu.ft	26.66	105.07
		Cu.m	941.40	3,710.55
		Cu.ft	26.66	105.07
		Cu.m	941.40	3,710.55
		Cu.ft	26.66	105.07

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
21-15 a)	Providing and laying crushed stone of any thickness to required grade and camber including packing with spawls, chips, watering, compacting with road roller with all lead and lift. (including royalty of Quarry).	Cu.m	168.00	2,784.94
		Cu.ft	4.76	78.86
b)	Providing and laying pitrun gravel in sub base or base course of any thickness to required grade and camber including watering and compacting with road roller with all lead and lift. (compacted thickness to be measured)	Cu.m	168.00	1,618.69
		Cu.ft	4.76	45.84
c)	Providing and laying Granular sub base using Crushed Stone Aggregate of approved thickness to required grade and camber including watering compacting with mechanical means and with all lead and lift. (compacted thickness to be measured) (including royalty of Quarry).	Cu.m	168.00	1,642.80
		Cu.ft	4.76	46.52
21-16-1	Providing and laying, soling bricks sand grouted laid on edges in herring bond or any other approved pattern to required grade and camber including rolling with power roller with all lead and lift.	Sq.m	209.85	1,390.58
		Sq.ft	19.50	129.19
21-17-1	Providing and laying graded aggregate base course of crushed stone of approved quality, including placing, mixing, spreading, watering and compacting base course to required depth, camber and grade to achieve 100% max. modified AASHTO dry density conforming to AASHTO specifications T -180, with mechanical means and with all lead and lift. (Carriage of crushed stone is included in the rate, within 5km of Project premises).	Cu.m	158.19	3,048.28
		Cu.ft	4.48	86.32
21-18-1	Providing and laying stone ballast 1.5" to 2.5" (37.5mm - 62.5mm) including blending with the stone dust or any other granular material approved by the Engineer-in-charge. Consolidating by mechanical interlocking through rolling to required grade depth and camber to achieve 100% modified AASHTO dry density including placing, mixing, spreading watering and compacting with all lead and lift. (Carriage of stone ballast is included in the rate, within 5km of Project premises).	Cu.m	189.83	3,771.65
		Cu.ft	5.38	106.80
21-19-1	Surface dressing in one coat with bitumen 80/100 or any other approved grade using 40 lbs of bitumen and 5 cu.ft. of 1/2" size approved crushed aggregate per 100 Sq.ft (1.95 kg. of bitumen and 0.015 cu.m. of 1/2" size crushed aggregate per sq.m.) of road surface compacted with rolling. (including royalty of Quarry).	Sq.m	52.34	473.78
		Sq.ft	4.86	44.02
21-20-1	Surface dressing in two coats including supply of bitumen 80/100 or any approved grade and approved crushed aggregate of approved size and grade for road surface with rolling (including royalty of Quarry).	Sq.m	-	-
			-	-
i)	First coat		-	-
			66.50	1,438.23
ii)	Second coat		-	-
			-	-
21-21-1	Surface dressing in three coats including supply of bitumen 80/100 or any approved grade and bajri of approved size and grade, of road surface with rolling.	Sq.m	-	-
			-	-
i)	First coat		-	-
			-	-
ii)	Second coat		-	-
			-	-
iii)	Third coat		89.35	808.17
			-	-
21-22-1	Surface dressing on old surface with bitumen 80/100 or any other approved grade using 27 lbs. of bitumen with 4 Cu.ft of 1/4" or down grade approved crushed aggregate per 100 Sq.ft (1.22 kg. of bitumen with 0.012 Cu.m. per Sq.m. of 6.4 mm standard size crushed aggregate) of road surface with rolling.	Sq.m	132.68	474.14
		Sq.ft	12.33	44.05

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
21-23-1	Providing and applying prime coat of liquid asphalt (cut back) of any approved grade using asphalt (cut back) including cleaning and brooming of road surface.	Sq.m	-	-
a)	1.07 kg. per sq.m. (Base Course and Aggregate Base Course)		3.43	417.03
b)	0.515 kg. per sq.m. (Wearing Surfaces)		3.43	205.76
21-24-1	Providing and applying tack coat of bitumen 80/100 or 60/70 or of any approved grade using bitumen at including cleaning and brooming of road surface	Sq.m	-	-
a)	0.75 kg. of bitumen per sq.m.		3.43	153.13
b)	0.308 kg. of bitumen per sq.m.		3.43	68.76
21-25-1	Surface dressing with bitumen 80/100 or any other approved grade on a priming coat of liquid asphalt (cut-back) of any approved grade using primer at 22 lbs. and bitumen at 35 lbs. with 5 cu.ft. of 1/2" and down gauge crushed aggregate per 100 sq.ft (primer at 1.07 kg and bitumen 1.71 kg with 0.015 cu.m. of 13 mm and down gauge crushed aggregate per sq.m.) of road surface with rolling.(including royalty of Quarry).	Sq.m	118.23	767.64
		Sq.ft	10.98	71.32
21-26-1	Providing and laying 1-1/2" (37.5 mm) consolidated thickness of asphalt concrete (road mix) using bitumen 80/100 or 60/70 or any approved grade with premixed coarse coarse sand flushing including compaction etc. (including royalty of Quarry).	Sq.m	323.37	1,562.33
		Sq.ft	30.04	145.15
i)	Using 3.5 lbs of bitumen per cu.ft. of 1/2" size crushed stone aggregate at 12 cu.ft per 100 sq.ft and 8 lbs of bitumen per cu.ft of coarse sand at 6 cu.ft per 100 sq.ft (56.06 kg bitumen per cu.m of 13 mm standard size crushed aggregate at 0.037 cu.m per sq.m. and 128.14 kg of bitumen per cu.m. of coarse sand at 0.018 cu.m. per sq.m) for asphalt concrete.		-	-
ii)	Sand flushing with 2 cu.ft of sand mixed with 16 lbs of bitumen per 100 sq.ft.of road surface including 5 lb of bitumen per 100 sq.ft. of road surface (0.006 sq.m of sand mixed with 0.78 kg of bitumen per sq.m of road surface including 0.24 kg of bitumen per sq.m.of road surface for painting edging with rolling.			
21-27-1	Providing and laying 2" (50 mm) consolidated thickness of asphalt concrete (road mix) using bitumen 80/100 of 60/70 or any approved grade with premixed coarse coarse sand flushing. (including royalty of Quarry).	Sq.m	323.37	1,896.17
		Sq.ft	30.04	176.16
i)	Using 3.5 lbs of bitumen per cu.ft. of 3/4" size crushed stone aggregate at 16 cu.ft per 100 sq.ft and 8 lbs of bitumen per cu.ft of coarse sand at 8 cu.ft per 100 sq.ft (56.06 kg bitumen per cu.m of 19 mm standard size crushed aggregate at 0.049 cu.m per sq.m. and 128.14 kg of bitumen per cu.m. of coarse sand at 0.024 cu.m. per sq.m) for asphalt concrete.		-	-
ii)	Sand flushing with 2 cu.ft of sand mixed with 16 lbs of bitumen per 100 sq.ft.of road surface including 5 lb of bitumen per 100 sq.ft. of road surface (0.006 sq.m of sand mixed with 0.78 kg of bitumen per sq.m of road surface including 0.24 kg of bitumen per sq.m.of road surface for painting edging with rolling.			
21-28-1	Providing and laying 2-1/2" (62.5 mm) consolidated thickness of asphalt concrete (road mix) using bitumen 80/100 of 60/70 or any approved grade with premixed coarse coarse sand flushing. (including royalty of Quarry).	Sq.m	323.37	2,212.64
		Sq.ft	30.04	205.56
i)	Using 3.5 lbs of bitumen per cu.ft. of 1" size crushed stone aggregate at 20 cu.ft per 100 sq.ft and 8 lbs of bitumen per cu.ft of coarse sand at 10 cu.ft per 100 sq.ft (56.06 kg bitumen per cu.m of 25 mm standard size crushed aggregate at 0.06 cu.m per sq.m. and 128.14 kg of bitumen per cu.m. of coarse sand at 0.03 cu.m. per sq.m) for asphalt concrete.		-	-

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
21-29-1	ii) Sand flushing with 2 cu.ft of sand mixed with 16 lbs of bitumen per 100 sq.ft.of road surface including 5 lb of bitumen per 100 sq.ft. of road surface (0.006 sq.m of sand mixed with 0.78 kg of bitumen per sq.m of road surface including 0.24 kg of bitumen per sq.m.of road surface for painting edging with rolling.			
	Providing and laying 1" (25 mm) consolidated thickness of premixed sheet asphalt using liquid asphalt (cut-backs) of approved grade using cut-backs at 20 lbs per 100 sq.ft (0.976 kg per sq.m.) for tack coat 3.5 lbs per cu.ft of 1/2" (56.06 kg per cu.m of 13 mm) standard size crushed stone at 5.50 cu.ft per sq.ft and 8 lbs of bitumen per cu.ft (0.016 cu.m. per sq.m. and 128.14 kg per cu.m.) or coarse sand at 5.50 cu.ft per 100 sq.ft (0.016 cu.m. per sq.m) of road surface, with rolling (including royalty of Quarry).	Sq.m	176.04	1,165.66
21-30-1	Providing and laying hot-mix bituminous concrete runway pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design upto 1.5 " (37.5 mm) thickness.	Sq.ft	16.35	108.29
		Ton	3,616.52	20,484.03
21-31-1	Providing and laying hot-mix bituminous concrete runway pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, roled hot with different types of rollers complete as per specifications and job-mix formula and design upto 3" (75mm) thickness.	Ton	3,285.17	18,904.53
21-32	Providing and laying hot-mix bituminous concrete in road pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design in single layer		-	-
21-33	a) 1" (25 mm) thick.	Sq.m	314.99	1,229.29
		Sq.ft	29.26	114.20
	b) 1-1/2" (37.5 mm) thick	Sq.m	472.48	1,843.93
		Sq.ft	43.90	171.31
	c) 2" (50 mm) thick	Sq.m	629.98	2,458.58
		Sq.ft	58.53	228.41
21-34	Providing and laying hot-mix bituminous concrete in road pavement laid with mechanical paver and mixed in central mixing plant in required thickness and density, rolled hot with different types of rollers complete as per specifications and job-mix formula and design in double layers		-	-
		Sq.m	691.12	2,822.24
		Sq.ft	64.21	262.19
		Sq.m	829.34	2,960.46
		Sq.ft	77.05	275.04
21-35	a) Providing and laying 4" (100 mm) thick not leaner than 1:2:4 cement concrete in roads, paths, creteways using 3/4" (19mm) and down gauge crushed stone in panels of approved size laid to required gradient and camber over any sub-grade including cost of necessary formwork and its removal, compacting with vibrators (immersion or screed or both) belting the surface with canvas belt, roughening the surface after laying concrete with brush and curing.(including royalty of Quarry).	Sq.m	258.00	1,446.00
		Sq.ft	23.97	134.34
		Sq.m	33.54	187.98
		Sq.ft	3.12	17.46
		Sq.m	33.54	187.98
		Sq.ft	3.12	17.46
21-35	a) Same as Item No.21-34 but with 1:3:6 cement concrete instead of 1:2:4	Sq.m	258.00	1,182.04
		Sq.ft	23.97	109.82

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	b) Extra for every additional thickness of 1/2" (13mm) concrete	Sq.m	33.54	153.66
		Sq.ft	3.12	14.28
	c) Deduction for every lesser thickness of 1/2" (13mm)	Sq.m	33.54	153.66
		Sq.ft	3.12	14.28
21-36 a)	Same as Item No.21- 34 but with 1: 1.5 :3 cement concrete instead of 1:2:4	Sq.m	258.00	1,654.76
		Sq.ft	23.97	153.73
	b) Extra for every additional thickness of 1/2" (13mm) concrete	Sq.m	33.54	215.12
		Sq.ft	3.12	19.99
	c) Deduction for every lesser thickness of 1/2" (13mm)	Sq.m	33.54	215.12
		Sq.ft	3.12	19.99
21-37-1	Providing and laying bitumenised water proof paper of best quality under cement concrete.	Sq.m	67.20	474.18
		Sq.ft	6.24	44.05
21-38-1	Providing and laying polythene sheet 0.005" thick (0.05mm 500gauge) under cement concete.	Sq.m	67.20	275.10
		Sq.ft	6.24	25.56
21-39-1	Providing and laying 2" (50 mm) thick sand cushion (blanket course) under cement concrete.	Sq.m	50.40	150.45
		Sq.ft	4.68	13.98
21-40-1	Providing and laying 1:4:8 cement concrete in any thickness using 1-1/2" (37mm) and down gauge stone ballast of approved grade and quality over prepared sub-grade or sand cushion in roads, paths crete-ways laid to required gradient and camber including cost of necessary formwork and its removal compacting with vibrators including curing.	Cu.m	3,022.80	10,417.03
		Cu.ft	85.60	294.98
21-41 a)	Providing fabricating and laying M.S. reinforcement bars Grade 36 with and including the cost of straightening, cutting, bending, binding, wastage and such overlaps as are not shown in the drawings, binding wire, cement concrete 1:2:4 precast or M.S. chairs and placing in position on cement concrete precast or M.S chairs, tying with binding wire etc., in all kinds of R.C.C. roads, paths and runways etc.	Ton	7,530.00	337,980.00
		Ton	7,530.00	339,418.43
21-42-1	Providing and laying M.S. ties or dowel bars of required length and diameters in longitudinal, transverse or other type of joints of cement concrete slabs laid and held in position in formwork or on precast chairs at various spacings including straightening, cutting, wastage, etc. and including the cost of M.S sheet caps, painting and greasing of bars where required as per design.	Ton	3,840.00	337,166.86
		Ton	7,530.00	346,056.20
21-43-1	Providing and spreading bajri of any size and upto any thickness to template in paths and drive ways including watering and rolling with hand roller complete with all lead and lift. (including royalty of Quarry).	Cu.m	678.86	2,553.94
		Cu.ft	19.22	72.32
21-44-1	Providing and spreading coarse sand to template in paths and drive ways including watering and rolling with hand roller complete, with all lead and lift.	Cu.m	678.86	2,586.86
		Cu.ft	19.22	73.25
21-45-1	Providing bitumen filler of approved proprietary brand in expansion joints using 90lbs of bitumen, 0.2lbs of cement and 0.8cu.ft of sand per cu.ft (1442 kg of bitumen, 3.2kg of cement and 0.8cu.m. per cu.m.) of filler and fixing in position in an approved manner or as directed by the Engineer.	R.M	12.63	614.54
		R.ft	10.17	10.17

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
21-46-1	Providing and fixing PVC water-stop expansion joint plain 6" to 7" (150mm to 175mm) wide placed horizontally at 2" (50mm) depth from top surface of pavement, 1/2" (13mm) wide joint filler of fibre board in bottom and top filled with premoulded bitumen filler of approved proprietary brand.	R.M	966.00	3,826.57
		R.ft	10.17	10.17
21-47-1	Providing and filling dummy joint 1/4" (6.4mm) wide and 3" (75mm) deep in roads, paths or crete-ways etc. with premoulded bitumen filler of approved proprietary brand.	R.M	12.63	163.11
		R.ft	10.17	10.17
21-48	Providing and making formwork for longitudinal joint of tongued and grooved type in RCC or cement concrete pavement	R.M	-	84.13
		R.ft	10.17	10.17
21-49-1	Providing water tight joint, with 5" (125mm) wide copper strip of 24 BWG corrugated at centre and 1-1/2" (37.5mm) dia. staggered holes at 4" (100mm) pitch placed horizontally at 2" (50mm) depth from top surface of pavement, 1/2" (13mm) wide joint filler of soft wood at bottom and top filled with plastic bitumen No.4	R.M	90.95	1,517.07
		R.ft	10.17	10.17
21-50	Same as 21-49-1 but with joint filler of fiber board instead of soft wood.	R.M	90.95	1,897.62
		R.ft	10.17	10.17
21-51-1	Filling longitudinal construction keyed joints with rubber sealing compound of approved brand.	R.M	60.63	151.79
		R.ft	10.17	10.17
21-52-1	Providing and fixing in position cork sheet of required width and depth in expansion joints including painting two coats with tar coal.	R.M	60.63	213.66
		R.ft	10.17	10.17
21-53-1	Providing and fixing 6" x 6" x 30" (150mm x 150mm x 750mm) precast 1:2:4 cement concrete boundary pillars using graded crushed aggregate embedded in cement concrete 1:4:8 including formwork and its removal, compacting and curing including cost of excavation. (including royalty of Quarry).	Each	340.50	1,161.98
21-54-1	Providing and fixing 6"x6"x30" (150mmx150mmx750mm) stone boundary pillars embedded in cement concrete 1:4:8 including cost of excavation, cement concrete 1:4:8, backfilling of excavated stuff, cement plaster with 1:3 cement mortar, engraving and writing	Each	534.60	1,269.18
21-55-1	Providing and fixing 9" x 4" x 30" (230mm x 100mm x 750mm) precast 1:2:4 cement concrete kilometer stone using graded screened bajri, embedded in cement concrete 1:4:8, formwork and its removal, compacting and curing including the cost of excavation, cement cost 1:4:8 backfilling of excavated stuff, cement plaster with 1:3 cement engraving and writing letters of approved size, painting two coats as desired.	Each	336.60	1,199.63
21-56-1	Providing and fixing 9" x 4" x 30" (230mm x 100mm x 750mm) kilometer stone of local quarry of hard texture with top one foot chisel-dressed on all sides as per approved design embedded in cement concrete 1:4:8 including cost of excavation, cement concrete 1:4:8 backfilling of excavated stuff engraving and writing letters of approved size, painting 2 coats as desired.	Each	534.60	1,070.32
21-57-1	Providing and fixing 42" x 18" x 12" (1050mmx 450mmx 300mm) 1:2:4 cement concrete precast kilometer stone of approved design with triangular face using graded screened bajri embedded in cement concrete 1:4:8, formwork and its removal, compacting curing including cost of excavation, embedding in cement concrete 1:4:8, backfilling of excavated stuff cement plaster with 1:3 cement mortar, engraving and writing letters of approved size and painting 2 coats as desired.	Each	1,650.00	4,506.59

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
21-58-1	Providing and laying kerb stone 18" x 12" x 6" (450mm x 300mm x150mm) obtained from approved quarry, chisel dressed on top and sides, laid in cement mortar 1:4 ruled cement pointing in cement mortar 1:3 including cost of excavation and backfilling of excavated stuff and its disposal within 30 m.	R.M	547.47	752.41
		R.ft	10.17	10.17
21-59-1	Providing and laying road kerb of 1st class burnt brick masonry laid in cement mortar 1:4, 9" (230mm) wide and 12" (300mm) deep with round moulded corners of bricks including cost of excavation and backfilling of excavated stuff and its disposal within 30m.	R.M	341.98	1,183.61
		R.ft	10.17	10.17
21-60	Providing and laying road kerb of precast cement concrete 24"x6"x12" (600mm x150mm x300mm) using crushed aggregate, formwork and its removal, compacting and curing laid in cement mortar 1:4 & cement plaster 1:4 neatly finished including cost of excavation, backfilling of excavated stuff & its disposal within 30m	R.M	-	-
	a) Road kerb of precast cement concrete 1:2:4		66.34	1,072.23
	b) Road kerb of precast cement concrete 1:3:6	R.M	66.34	999.17
		R.ft	10.17	10.17
21-61	Providing and laying road kerb 4" wide and 12" deep (100mm x 300mm) cast in situ, of cement concrete using crushed aggregate, formwork and its removal, compacting and curing, filling joints with bitumen, cement plaster 1:4 neatly finished including cost of excavation, backfilling of excavated stuff and its disposal with 30m. lead.		-	-
	a) Road kerb of precast cement concrete 1:2:4	R.M	88.39	517.54
		R.ft	10.17	10.17
	b) Road kerb of precast cement concrete 1:3:6		88.39	462.00
21-62	Removing the existing worn out bituminous surface, having pot holes and ruts in patches of regular shape brushing and recarpeting with asphalt macadam as per specifications including disposal of excavated stuff within one chain (30m.) lead.		-	-
	a) 1" (25 mm) thick reconsolidated recarpeting.	Sq.m	1,667.37	2,656.99
		Sq.ft	154.90	246.84
	b) 2" (50mm) thick rconsolidated recarpeting.	Sq.m	1,667.37	3,240.17
		Sq.ft	154.90	301.02
	c) 2-1/2" (63mm) thick consolidated recarpeting.	Sq.m	1,667.37	3,556.64
		Sq.ft	154.90	330.42
21-63-1	Dismantling bitumen carpet of any description from existing road surface including its removal and disposal within 90m lead. (0-15 cm thickness)	Sq.m	84.00	84.00
		Sq.ft	7.80	7.80
21-64-1	Dismantling of stone metalling from existing road from where bitumen carpet has already been removed including disposal within 90m lead.(0-30 cm thickness)	Sq.m	126.00	126.00
		Sq.ft	11.71	11.71
21-65-1	Dismantling brick metalling from existing road from where bitumen carpet has already been removed including disposal within 90m lead. (0-60 cm)	Sq.m	168.00	168.00
		Sq.ft	15.61	15.61
21-66-1	Dismantling brick soling from existing road from where bitumen carpet & stone metalling has already been removed including disposal of excavated stuff within 90m lead.(0-30 cm thickness)	Sq.m	92.40	92.40
		Sq.ft	8.58	8.58
21-67-1	Dismantling soling stone from existing road from where bitumen carpet and stone metalling have already been removed including disposal of surplus material within 90m lead. (0-30 cm thickness)	Sq.m	84.00	84.00
		Sq.ft	7.80	7.80

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
21-68-1	Cutting the worn out surface in all kinds of cement concrete roads having pot holes and ruts upto any depth and any shape including disposal of excavated stuff within 90 m. lead. (0-30 cm thickness)	Sq.m	208.80	208.80
		Sq.ft	19.40	19.40
21-69-1 a)	Scarifying sub-base, base or wearing coat surface of flexible pavement with pick axes or/by any other approved means upto required depth including disposal of rubbish within 90 m.	Sq.m	84.00	84.00
		Sq.ft	7.80	7.80
	b) Making grooves in existing bitumen carpet/TST of any description including removal and disposal within 90 m. lead		92.40	92.40
21-70-1	Screening existing stone or brick metal or crushed aggregate in different screens of any size and mesh along side of alignment including stacking in different grades and disposal of surplus stuff within 90 m. lead.	Cu.m	504.00	504.00
		Cu.ft	14.27	14.27
21-71-1	Filling joints or cracks with bitumen upto any depth and width including brushing, washing with kerosene oil and blending with sand.	Cu.m	6,861.29	317,793.52
		Cu.ft	194.29	8,998.90
21-72	Cutting trenches through bituminous road for laying pipe etc. in any width and upto required depth including dismantling kerb stones, edge stones or channels, replacing soling stones (old and 10% new) with hand refilling with (old and 25% new) ballast blinded with murum, watering and ramming complete, refixing edge stone, kerb stones in cement mortar 1:3 including recarpeting with (consolidated) asphalt macadam as per specification (cost of new stone, ballast and new murum is inclusive).(including royalty of Quarry).		-	-
a)	1"(25mm) thick consolidated asphalt macadam recarpeting	Sq.m	1,162.20	1,718.09
		Sq.ft	107.97	159.62
b)	2" (50 mm) thick consolidated asphalt macadam recarpeting	Sq.m	1,162.20	2,580.29
		Sq.ft	107.97	239.72
c)	2-1/2" (63 mm) thick consolidated asphalt macadam recarpeting	Sq.m	1,162.20	2,881.69
		Sq.ft	107.97	267.72
21-73	Cutting trenches through cement concrete road with chisel etc. in any width upto required depth including dismantling kerb stones, edge stones, refilling with cement concrete 1:2:4 using crushed graded boulders of required size and grade including compacting with vibrators refixing edge stones, kerb stones in cement mortar 1:3		-	-
a)	4" (100 mm) thick 1:2:4 concrete relaying	Sq.m	2,065.20	3,253.20
		Sq.ft	191.86	302.23
b)	Extra for every 1/2" (13mm) thickness over 4" (100mm) thick cement concrete 1:2:4.	Sq.m	274.14	428.58
		Sq.ft	25.47	39.82
21-74	Excavation in all kind of soils in trenches and channels including dressing to required section and back-filling of excavated stuff including watering, ramming in layers including disposal of surplus earth.		-	-
a)	Lift upto 5 ft. (1.5 m.) and lead upto 100 ft. (30 m.)	Cu.m	846.00	846.00
		Cu.ft	23.96	23.96
b)	Extra for additional lift above 5 ft. to 10 ft. (1.5 m to 3 m.) and lead upto 100 ft. (30 m.)	Cu.m	112.00	112.00
		Cu.ft	3.17	3.17
21-75	Providing and laying open jointed pipe with collar of class "C" or equivalent and fixing in trenches over prepared bed including cutting, wastage, with all lead and lift.		-	-
a)	4" (100 mm) dia R.C.C pipe	R.M	294.00	808.08
		R.ft	10.17	10.17
b)	6" (150mm) dia R.C.C pipe	R.M	294.00	1,015.98
		R.ft	10.17	10.17

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
c) 4" (100mm) dia A.C pipe		R.M	294.00	1,050.00
		R.ft	10.17	10.17
d) 6" (150mm) dia A.C pipe		R.M	294.00	1,276.80
		R.ft	10.17	10.17
21-76	Providing and fixing R.C.C. pipe of class "C" or equivalent in trenches including cutting, wastage, fitting and jointing, with maxphalt composition and cement mortar 1 : 1 and testing with water including all lead and lift.		-	-
a) 9" (225 mm) dia R.C.C pipe		R.M	294.00	1,454.83
		R.ft	10.17	10.17
b) 12" (300 mm) dia R.C.C pipe		R.M	294.00	1,398.13
		R.ft	10.17	10.17
21-77-1	Filling in trenches locally available aggregate of any size or grade available at site with or without blinding with coarse sand or fine aggregate including watering, dressing, consolidation by ramming in layers not exceeding 9" (225mm) in depth to full compaction including all lead and lift. (excluding rovaltv of Quarrv).	Cu.m	339.00	339.00
21-78-1	Providing and laying dry stone uncoarsed rubble pitching upto 12" (300mm) thick in bottom and sides of channel or drain. (including royalty of Quarry).	Cu.ft	9.60	9.60
		Cu.m	1,848.00	2,960.76
21-79-1	Cement pointing to stone pitching in 1 : 2 cement mortar in channels or drains including curing and raking out joints.	Cu.ft	52.33	83.84
		Sq.m	1,098.00	1,475.10
21-80	Providing and fixing G.I. pipe railing 2.5 ft high of required diameter, comprising vertical posts and horizontal bracings of G.I. pipe of the same dia including cost of specials, bends, threading cutting and making good the floor or wall and or slab of any kind in cement concrete 1:2:4 (Actual pipe length used for vertical posts and horizontal bracings to be measured, length of specials used not to be deducted)	Sq.ft	102.01	137.04
a) 2" (50 mm) dia G.I. pipe railing		R.M	432.37	3,837.25
		R.ft	10.17	10.17
b) 1-1/2" (40 mm) dia G.I. pipe railing		R.M	432.37	3,024.81
		R.ft	10.17	10.17
c) 1" (25 mm) dia G.I. pipe railing		R.M	432.37	2,372.57
		R.ft	10.17	10.17
21-81-1	Providing and fixing steel bearings of standard quality and type weighing not less than 90kg	Each set of one end	2,278.80	47,854.80
21-82-1	Providing and fixing rubber bearing pad not less than 1" (25 mm) thick.	Sq.m	279.33	33,798.93
		Sq.ft	25.95	3,140.03
21-83-1	Providing and laying dry brick pavement and/or soling in streets or roads over 1/2" (13mm) thick sand cushion incuding sand grouting, watering, compacting of bed to proper camber.	Cu.m	2,742.00	7,936.75
		Cu.ft	77.64	224.74
21-84-1	Providing and fixing road sign boards such as caution etc as approved by the Engineer with reflective paints, having superfacial area of 1.125 sq.m including cost of post etc.	Each	3,696.00	5,015.24
21-85 a)	Supply of asphalt concrete premixed bituminous carpet using bitumen 80/100 or of any approved grade with following percentage including compaction and finishing to required camber, grade and density. Coarse aggregate from approved source by Asphalt Batching Plant		-	-
i) 3% Bitumen content		Cu.m	-	21,858.09
		Cu.ft	-	618.95
ii) 3.5% Bitumen content		Cu.m	-	22,950.99
		Cu.ft	-	649.90

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
iii)	4% Bitumen content	Cu.m	-	24,098.54
		Cu.ft	-	682.39
iv)	4.5% Bitumen content	Cu.m	-	25,303.47
		Cu.ft	-	716.51
v)	5% Bitumen content	Cu.m	-	26,568.64
		Cu.ft	-	752.34
vi)	5.5% Bitumen content	Cu.m	-	27,897.07
		Cu.ft	-	789.96
vii)	6% Bitumen content	Cu.m	-	29,291.93
		Cu.ft	-	829.45
21-85	b) laying of consolidated thickness of asphalt concrete premixed bituminous carpet using bitumen 80/100 or of any approved grade with following percentage including compaction and finishing to required camber, grade and density. Coarse aggregate from approved source. (Mechanical mean using Paver)	Cu.m	-	-
		Cu.ft	-	-
i)	3% Bitumen content	Cu.m	187.01	4,250.13
		Cu.ft	5.30	120.35
ii)	3.5% Bitumen content	Cu.m	187.01	4,250.13
		Cu.ft	5.30	120.35
iii)	4% Bitumen content	Cu.m	187.01	4,250.13
		Cu.ft	5.30	120.35
iv)	4.5% Bitumen content	Cu.m	187.01	4,250.13
		Cu.ft	5.30	120.35
v)	5% Bitumen content	Cu.m	187.01	4,250.13
		Cu.ft	5.30	120.35
vi)	5.5% Bitumen content	Cu.m	187.01	4,250.13
		Cu.ft	5.30	120.35
vii)	6% Bitumen content	Cu.m	187.01	4,250.13
		Cu.ft	5.30	120.35
21-85	c) laying of consolidated thickness of asphalt concrete premixed bituminous carpet using bitumen 80/100 or of any approved grade with following percentage including compaction and finishing to required camber, grade and density. Coarse aggregate from approved source. (Without Paver)		-	-
i)	3% Bitumen content	Cu.m	187.01	3,897.79
		Cu.ft	5.30	110.37
ii)	3.5% Bitumen content	Cu.m	187.01	3,897.79
		Cu.ft	5.30	110.37
iii)	4% Bitumen content	Cu.m	187.01	3,897.79
		Cu.ft	5.30	110.37
iv)	4.5% Bitumen content	Cu.m	187.01	3,897.79
		Cu.ft	5.30	110.37
v)	5% Bitumen content	Cu.m	187.01	3,897.79
		Cu.ft	5.30	110.37
vi)	5.5% Bitumen content	Cu.m	187.01	3,897.79
		Cu.ft	5.30	110.37
vii)	6% Bitumen content	Cu.m	187.01	3,897.79
		Cu.ft	5.30	110.37
21-85	d) Supply of consolidated thickness of asphalt concrete premixed bituminous carpet using bitumen 80/100 or of any approved grade with following percentage including compaction and finishing to required camber, grade and density. Coarse aggregate from approved source by Bitmac plant.	Cu.m	-	-
i)	3% Bitumen content	Cu.m	-	20,761.55
		Cu.ft	-	587.90

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
ii)	3.5% Bitumen content	Cu.m		21,799.63
		Cu.ft	-	617.30
iii)	4% Bitumen content	Cu.m	-	22,889.61
		Cu.ft	-	648.16
iv)	4.5% Bitumen content	Cu.m	-	24,034.09
		Cu.ft	-	680.57
v)	5% Bitumen content	Cu.m	-	25,235.80
		Cu.ft	-	714.60
vi)	5.5% Bitumen content	Cu.m	-	26,497.59
		Cu.ft	-	750.33
vii)	6% Bitumen content	Cu.m	-	27,822.47
		Cu.ft	-	787.84
21-86	a) Reflectorized Plastic Pavement Stud (Raised Profile Type - Single)	No	42.00	866.40
	b) Reflectorized Plastic Pavement Stud (Raised Profile Type - Double)	No	42.00	894.00
	c) Reflectorized Plastic Pavement Stud (Flushed Profile Type - Single)	No	42.00	471.60
	d) Reflectorized Plastic Pavement Stud (Flushed Profile Type - Double)	No	42.00	894.00
	e) Reflectorized Aluminium Pavement Stud (Raised Profile Type - Single)	No	42.00	1,038.00
	f) Reflectorized Aluminium Pavement Stud (Raised Profile Type - Double)	No	42.00	1,101.60
	g) Reflectorized Aluminium Pavement Stud (Flushed Profile Type - Single)	No	42.00	1,038.00
	h) Reflectorized Aluminium Pavement Stud (Flushed Profile Type - Double)	No	42.00	1,046.40
21-87	a) P/F of synthetic rubber speed hump 5 Cm high & 35 Cm wide alternate black & yellow combination	R.M	84.00	1,791.60
		R.ft	10.17	10.17
	b) P/F of metal speed hump 5 Cm high & 35 Cm wide alternate black & yellow combination	R.M	84.00	1,104.00
		R.ft	10.17	10.17
21-88	Cold Milling of the Pavement		-	-
		Sq.m	50.40	199.46
		Sq.ft	4.68	18.53
		Sq.m	50.40	274.00
		Sq.ft	4.68	25.46
		Sq.m	50.40	460.33
		Sq.ft	4.68	42.77
		Sq.ft	0.78	3.85
21-89-1	Scarification of existing road pavement.	Sq.m	8.40	41.40
		Sq.ft	0.78	3.85
21-90	Supply and Fixing of Concrete pavers on sand cushion of different designs having thickness of 50 mm, mechanically compressed, minimum strenght of 4500 psi after laboratory testing at factory and random testiing at site as and when desired by the Engineer inchange comple in all respects.			
		Sq.m	152.46	1,428.74
		Sq.ft	14.16	132.73
		Sq.m	152.46	1,557.86
		Sq.ft	14.16	144.73

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
21-91	Supply and Fixing of Concrete pavers on 3" thick sand cushion of different designs having thickness of 60 mm, mechanically compressed, minimum strenght of 6000 psi after laboratory testing at factory and random testiing at site as and when desired by the Engineer inchange comple in all respects.			
a)	60 mm thick, tuff tiles Natural gray	Sq.m	462.00	1,938.15
		Sq.ft	42.92	180.06
b)	60mm thick,tuff tile Cloured	Sq.m	462.00	2,067.27
		Sq.ft	42.92	192.06
21-92	Supply and Fixing of Concrete pavers on 3" thick sand cushion of different designs having thickness of 80 mm, mechanically compressed, minimum strenght of 7000 psi after laboratory testing at factory and random testiing at site as and when desired by the Engineer inchange comple in all respects.		-	-
a)	80 mm thick, tuff tiles Natural gray	Sq.m	546.00	2,282.07
		Sq.ft	50.73	212.01
b)	80mm thick,tuff tile Cloured	Sq.m	546.00	2,411.19
		Sq.ft	50.73	224.01
21-93	Supplying and installation of hydraulically compressed PCC Kerb stone in natural colour, having strength of 3500 (Psi). Including cost of PCC.		-	-
a)	Kerb Stone (300mm x 300mm x 150mm)	R.M	73.92	1,076.12
		R.ft	10.17	10.17
b)	Kerb Stone (300mm x 450mm x 150mm)	R.M	73.92	1,313.48
		R.ft	10.17	10.17
21-94	UV stabilized polypropylene Geotextile consisting of filaments of approximately 40 microns diameter as mentioned in specification or as per manufactures recommendation.	Sq.m	23.10	215.10
		Sq.ft	2.15	19.98

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SECTION - 22

SHEET PILING

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
22-1	Cutting Ransome or Larson or similar piles.	Per cut	360.00	360.00
22-2	Cutting universal piles.	Per cut	540.00	540.00
22-3	Driving steel piles above 7.5 m. to 9 m.	Sqm	880.80	880.80
		Sq.ft	81.83	81.83
22-4	Driving steel piles above 4.50 m. to 7.50 m.	Sqm	844.80	844.80
		Sq.ft	78.48	78.48
22-5	Driving steel piles upto 4.5 m.	Sqm	628.80	628.80
		Sq.ft	58.42	58.42
22-6	Dolleying piles.	Each	702.00	702.00
22-7	Drilling holes in piles by hand.	Each	49.50	49.50
22-8	Raising and lowering machine.	R.M.	31,824.00	31,824.00
		R.ft	9,702.44	9,702.44
22-9	Turning machine 90 degrees	Each Job	9,792.00	9,792.00
22-10	Turning machine 135 degrees	Each Job	15,984.00	15,984.00
22-11	Turning machine 180 degrees	Each Job	20,832.00	20,832.00
22-12	Travelling machine (light) in working area.	Per 30m	24,144.00	24,144.00
22-13	Loading and/or unloading piles.	Ton	504.00	504.00
22-14	Dismantling piling machine.	Each Job	40,416.00	40,416.00
22-15	Erecting piling machine	Each Job	63,264.00	63,264.00
22-16	Carriage of piling machine under different conditions in working area.	Per 30m	9,726.00	9,726.00
22-17	Hire charges of piling plant with accessories including fuel, pay of operator and other mechanical staff, mobilization, demobilization and idle time.	Per day	60,480.00	60,480.00

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SECTION - 23

PLUMBING, SANITARY INSTALLATIONS AND GAS FITTINGS.

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
23-1	Providing and fixing European type glazed earthenware water closet ICL Boch/Forte or approved equivalent make including cost of inlet pipe, lid cistern kit, stop cock deluxe and other accessories, fitting material such as brackets, PVC down pipe where required, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material.		-	-
a)	Water closet floride coupled/4030		-	-
i)	White	Each	1,728.00	12,613.32
ii)	Coloured	Each	1,728.00	13,704.12
b)	W.C. fregate coupled/4006		-	-
i)	White	Each	1,728.00	17,206.92
ii)	Coloured	Each	1,728.00	17,926.92
c)	W.C. non-coupled 7HU		-	-
i)	White	Each	1,728.00	13,546.92
ii)	Coloured		1,728.00	14,527.32
23-2	Providing and fixing squatting type water closet with integral treads ICL Boch/Karam Cera or approved equivalent make including cost of inlet pipe cistern and lid cistern kit, stop cock deluxe type and other accessories, fittings, brackets, PVC down pipe, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material.	Each	-	-
a)	W.C. Indian/Desi/902 with glazed earthen ware 4" (100 mm) trap		-	-
i)	White	Each	1,824.00	20,653.99
ii)	Coloured	Each	1,824.00	15,253.99
b)	W.C. Orisa/Asian/900 with glazed earthen ware 4" (100 mm) trap		-	-
i)	White	Each	1,824.00	12,186.79
ii)	Coloured	Each	1,824.00	13,078.39
23-3	Providing and fixing European type glazed earthenware water closet ICL Ifo/Forte or approved equivalent make including cost of inlet pipe, lid cistern kit, stop cock deluxe and other accessories, fitting material such as brackets, PVC down pipe where required, rubber rings/washers, making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material.		-	-
a)	White	Each	1,824.00	18,048.41
b)	Coloured	Each	1,824.00	17,368.01

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
23-4	Providing and fixing export quality ICL Boch/Karam Cera or equivalent make flat back lipped front urinal basin or glazed earthen ware with and including the cost of 1 gallon (4.5 lit) C.I automatic flushing cistern with fittings a pet cock C.I. or W.I. brackets standard flush pipe with fittings, standard waste pipe (enamelled iron) connection and making good with approved material.		-	-
	a) Urinal 6003		-	-
	i) White	Each	1,368.00	13,482.79
	ii) Coloured	Each	1,368.00	13,523.59
	b) Urinal 6001		-	-
	i) White	Each	1,368.00	13,650.79
	ii) Coloured	Each	1,368.00	13,650.79
23-5	Providing and fixing export quality glazed earthen ware wash basin manufactured by ICL Boch/Karam Cera or equivalent approved make with single hole chromium plated mixer tap 1/2" (15mm), pillar tap delux, stop cocks, C.I. or W.I. brackets 6" (150mm) built into walls 1.5" (40mm) C.P. brass waste with malleable iron or C.P. brass trap with malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connections and making good with approved material.		-	-
	a) Wash basin 18" (450 mm) without pedestal		-	-
	i) White	Each	1,368.00	15,300.00
	ii) Coloured	Each	1,368.00	15,440.40
	b) Wash basin 24" (610 mm) Futura without pedestal		-	-
	i) White	Each	1,368.00	18,220.80
	ii) Coloured	Each	1,368.00	17,580.00
	c) Wash basin 26" (650 mm) without pedestal		-	-
	i) White	Each	1,368.00	16,200.00
	ii) Coloured	Each	1,368.00	16,340.40
	d) Extra over above for providing and fixing white glazed earthen ware pedestal manufactured by ICL/Karam Cera or approved equivalent make.		-	-
	i) White	Each	270.00	2,790.00
	ii) Coloured	Each	270.00	2,990.40
23-6	Providing and fixing English or approved equivalent bath tub of desired colour with and including the cost of 1.5" dia. C.P. brass waste, 1.25" dia. brass overflow, (3/4") size C.P. brass pillar taps, C.P. brass chain with rubber plug and making required number of holes in walls plinth and floor for pipe connections and making good with approved material.		-	-
	a) Porcelain enamelled cast iron bath tub 66" x 28" x 23" size	Each	4,560.00	16,600.80
	b) Fibre glass bath tub 72" x 28" x 23"	Each	4,560.00	37,800.00

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
23-7	Providing and fixing ICL /Karam cera or approved equivalent make glazed earthen ware shower tray including fittings, bib cok, stop cock, shower kit, trap and making requisite numbers of holes and making good with approved material.	Each	1,824.00	6,809.81
23-8	Providing and fixing stainless steel sink Pakistan made with C.I. or W.I brackets 6" built in wall, 1.5" (40 mm) rubber plug,C.P. brass chain, C.P. brass waste, pillar tap 2 way deluxe, 1.5" dia malleable iron or C.P. brass trap and unions and making requisite number of holes in walls, plinth and floor for pipe connections and making good with approved material.		-	-
23-9	a) Stainless steel sink 40" x 20" (1000 mm x 500 mm)	Each	1,824.00	21,460.80
	b) Stainless steel sink 33" x 18" (825 mm x 450 mm)	Each	1,824.00	18,260.40
	Providing and fixing floor trap of approved self cleaning design with screwed down grating with or without a vent arm with and including making requisite number of holes in walls, plinth and floor for pipe connection and making good.		-	-
	a) C.I. floor trap 6" x 2" and 6" x 3" size with grating.	Each	456.00	1,407.60
	b) C.I. floor trap 4" dia. inlet and outlet with C.I. grating.	Each	456.00	1,407.60
	c) C.I. floor trap 6" x 2" size with grating including concrete chamber all round	Each	456.00	1,645.50
	d) C.I. floor trap 6" x 4" size with grating including concrete chamber all round	Each	456.00	1,645.50
	23-10 Providing and fixing white glazed earthen ware export quality bidet with fittings in bath room.	Each	1,368.00	18,848.40
	23-11 Providing and fixing standing shower concealed in wall with approved quality control valves, mixer unit and moveable shower head.	Each	1,824.00	51,063.60
	23-12 Providing and fixing C.P. brass telephonic shower including holder clamps, screw and bib cock.	Each	342.00	3,717.60
23-13	Providing and fixing approved quality chromium plated towel rail with bracket and screws.	Each	-	-
	a) Towel rail 24" x 3/4" (600mm x 20mm)	Sq.M	91.20	1,246.80
		Sq.ft	8.47	115.83
	b) Towel rail 30" x 3/4" (750mm x 20mm)	Sq.M	91.20	1,486.80
23-14		Sq.ft	8.47	138.13
	Providing and fixing approved quality C.P. brass toilet paper holder Master /Sonex or equivalent make.	Each	228.00	1,632.00
23-15	Providing and fixing looking mirror of Belgium/ Malaysian/ Indonesian glass with chromium plated screws.	Each	456.00	2,569.20
23-16	Providing and fixing shelf of standard size.		-	-
	a) Glass shelf of 24" x 5" size with guard rails & C.P. brackets.	Each	114.00	3,434.40
	b) Shelf (Master/Sonex make)	Each	114.00	1,074.00

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
23-17	Providing and fixing white glazed vitreous China squatting type W.C. pan with integral treads similar to Orissa type.		-	-
a)	Without trap	Each	912.00	3,552.00
b)	Water Closet Vitreous China Trap With	Each	912.00	4,590.00
23-18	Providing and fixing approved quality fixtures		-	-
a)	European type White glazed earthen ware W.C. pan.	Each	912.00	6,051.60
b)	Providing and fixing plastic flushing cistern of approved quality and colour.	Each	456.00	5,631.60
c)	Wash basin 18" (450 mm), White colour	Each	456.00	4,815.60
d)	Wash basin 24" (610 mm) ICL Futura make	Each	456.00	7,736.40
23-19	Providing and fixing ICL (Boch) or Karam Cera export quality glazed earthen ware cistern with lid and kit.	Each	-	-
a)	White	Each	456.00	4,391.36
b)	Coloured	Each	456.00	4,876.16
23-20	Providing and fixing approved quality of Bacolite plastic seat with lid.	Each	114.00	1,694.40
23-21	Providing and fixing glazed pottery/C.P. brass pull.	Each	114.00	813.60
23-22	Providing and fixing rubber connection for flush pipe with European W.C.	Each	91.20	447.60
23-23	Providing and fixing approved quality white glazed earthenware lavatory basin with 1/2" (15 mm) dia. single hole C.P. mixer tap, 2 way deluxe pillar tap, stop cocks, 6" C.I. or W.I. brackets built into walls, rubber plug, C.P. brass chain, C.P. brass waste, malleable iron or C.P. brass bottle trap with malleable iron or brass union and making requisite number of holes in walls, plinth and floor for pipe connection and making good with approved material.	Each	-	-
a)	Lavatory basin 22" x 16" (550 mm x 400 mm)	Each	1,368.00	19,560.00
b)	Lavatory basin 25" x 18" (625 mm x 450 mm)	Each	1,368.00	20,220.00
23-24	Providing and fixing approved quality glazed fire clay sink 24" x 18" with 6" (150mm) size C.I. or W.I. brackets built in walls, 1.5" (40 mm) rubber plug and C.P. brass chain, C.P. brass waste, pillar tap 2 way deluxe, malleable iron or C.P. brass trap and unions and making requisite numbers of holes in walls, plinth and floor for pipe connections and making good with approved material.	Each	1,824.00	12,180.00
23-25	Providing and fixing C.P. chain for sink and lavatory basin.	Each	91.20	565.20
23-26	Providing and fixing rubber plug for sink and lavatory basin.	Each	91.20	122.40
23-27	Providing and fixing glazed earthen ware foot rest.	Each	228.00	534.00
23-28	Providing and fixing C.P. bottle trap with union and waste pipe	Each	-	-
a)	1.25" (30 mm) dia.	Each	456.00	2,336.40
b)	1.5" (40 mm) dia.	Each	456.00	2,415.60
23-29	Providing and fixing soap dish.	Each	-	-

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	a) Chromium plated	Each	91.20	531.60
	b) Providing and fixing C.P. chain for sink and lavatory basin.	Each	91.20	553.20
23-30	Providing and fitting superior quality plastic accessories of approved make	Each	-	-
	a) Soap dish	Each	91.20	391.20
	b) Toilet paper holder	Each	91.20	598.80
	c) Towel rod	Each	91.20	471.60
	d) Shelf 24" x 5" with bracket and railing.	Each	91.20	463.20
23-31	Providing and fixing C.P. pillar-cock of superior quality of approved make.	Each	-	-
	a) 1/2" (12 mm) dia.	Each	91.20	1,801.20
	b) 3/4" (20 mm) dia.	Each	91.20	1,951.20
23-32	Providing and fixing C.P. stop-cock of superior quality of approved make.	Each	-	-
	a) 1/2" (12 mm) dia.	Each	91.20	731.04
	b) 3/4" (20 mm) dia.	Each	91.20	1,779.60
23-33	Providing and fixing underground stop-cock with superior quality C.P. cover of approved make.	Each	-	-
	a) 1/2" (12 mm) size	Each	91.20	1,678.80
	b) 3/4" (20 mm) size	Each	91.20	1,879.20
23-34	Providing and fixing superior quality C.P. bib cock of approved make.	Each	-	-
	a) 1/2" (12 mm) dia.	Each	91.20	1,018.80
	b) 3/4" (20 mm) dia.	Each	91.20	1,623.60
23-35	Providing and fixing superior quality 1/2" size C.P. tee stop cock of approved make.	Each	91.20	778.46
23-36	Providing and fixing C.P. brass shower	Each	-	-
	a) 1/2" (12 mm) dia inlet and 6" (150 mm) dia. detachable lid	Each	91.20	4,971.60
	b) 1/2" (12 mm) dia inlet and 4" (100 mm) dia. detachable lid	Each	91.20	2,971.20
23-37	Providing and fixing 1/2" (12 mm) single hole superior quality C.P. mixer of approved make for wash hand basin, sink or shower.	Each	456.00	5,809.20
23-38	Providing and fixing 1" (25 mm) superior quality C.P. flushing valve of approved make for wash hand basin, sink or shower.	Each	456.00	1,392.00
23-39	Providing and fixing superior quality gun-metal peet/gate valve (Class150) of approved make.	Each	-	-
	a) Screwed ends	Each	-	-
	i) 1/2" (12 mm) dia.	Each	228.00	1,749.60
	ii) 3/4" (20 mm) dia.	Each	228.00	2,176.80
	iii) 1" (25 mm) dia.	Each	342.00	2,442.00
	iv) 1.25" (30 mm) dia.	Each	342.00	2,874.00
	v) 1.5" (40 mm) dia.	Each	456.00	2,733.96
	vi) 2" (50 mm) dia.	Each	456.00	4,740.00
	vii) 2.5" (65 mm) dia.	Each	1,596.00	7,836.00
	viii) 3" (75 mm) dia.	Each	1,596.00	17,436.00

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
ix)	4" (100 mm) dia.	Each	2,280.00	21,552.00
x)	6" (150 mm) dia.	Each	2,280.00	25,080.00
b)	Flanged ends	Each	-	-
i)	1/2" (12 mm) dia.	Each	684.00	2,205.60
ii)	3/4" (20 mm) dia.	Each	684.00	2,632.80
iii)	1" (25 mm) dia.	Each	1,368.00	3,468.00
iv)	1.25" (30 mm) dia.	Each	1,368.00	3,900.00
v)	1.5" (40 mm) dia.	Each	1,824.00	4,602.00
vi)	2" (50 mm) dia.	Each	1,824.00	6,108.00
vii)	2.5" (65 mm) dia.	Each	3,648.00	9,888.00
viii)	3" (75 mm) dia.	Each	3,648.00	19,488.00
ix)	4" (100 mm) dia.	Each	5,472.00	15,060.00
x)	6" (150 mm) dia.	Each	5,472.00	17,712.00
23-40	Providing and fitting superior quality C.P. or brass oxidised 1/2" (12mm) swan neck pillar cock (tap) of approved make.	Each	-	-
a)	Single way	Each	152.00	2,459.60
b)	Providing and fitting superior quality C.P. or brass oxidised 1/2" (12mm) swan neck pillar cock (tap) of approved make.	Each	228.00	7,536.00
23-41	Providing and fixing brass bib cock/ stop cock of approved make.	Each	-	-
a)	1/2" (12 mm) dia.	Each	114.00	633.60
b)	3/4" (20 mm) dia.	Each	114.00	722.40
c)	1" (25 mm) dia.	Each	114.00	897.60
23-42	Providing and fixing 'P' trap including concrete chamber and C.I. grating.	Each	-	-
a)	Cast iron 4" (100 mm) size	Each	456.00	2,280.00
b)	Glazed 4" (100 mm) size	Each	456.00	2,312.40
23-43	Providing and fixing C.I. gully trap 6"x6"x4" including concrete embedment and cost of G.I. grating 6"x6" and masonry chamber 12"x12"	R.M	456.00	2,376.54
		R.ft	139.02	724.55
23-44	Providing, laying, cutting, jointing, testing and disinfecting cast iron soil pipe with spigot, socket chaulked lead or comet joint or flanged joints/tyton joints including cost of jointing material such as lead, comet and yarn.		-	-
		R.ft	-	-
a)	2" (50 mm) dia.	R.M	120.00	4,180.01
		R.ft	36.59	1,274.39
b)	3" (75 mm) dia.	R.M	120.00	5,096.78
		R.ft	36.59	1,553.90
c)	4" (100 mm) dia.	R.M	120.00	6,404.02
		R.ft	36.59	1,952.44
23-45	Providing and laying Non Asbestos Cement Fibre building and sanitary pipe with cement chaulked or comet joint including cost of sockets, bends and specials.		-	-

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	a) 2.5" (65 mm) inner dia.	R.M	294.00	863.16
		R.ft	89.63	263.16
	b) 3" (75 mm) inner dia.	R.M	294.00	1,212.00
		R.ft	89.63	369.51
	c) 4" (100 mm) inner dia.	R.M	588.00	1,812.00
		R.ft	179.27	552.44
	d) 6" (150 mm) inner dia.	R.M	588.00	2,528.04
		R.ft	179.27	770.74
23-46	Providing and fixing C.I. specials such as bend, tees, collars, cross, reducers, tail pieces, flanged spigots, cap, flanged socket, taper, angle bends and plugs including turning threading, facing and fitting for C.I. pipe line.		-	-
	a) Cast iron S.S. specials with spigot and socket joint		-	-
	i) 3" to 6" (75 mm to 150 mm) dia.	Kg.	120.00	385.32
	ii) 8" to 12" (200 mm to 300 mm) inner dia.	Kg.	90.00	355.32
	iii) 15" to 18" (375 mm to 450 mm) inner dia.	Kg.	60.00	325.32
	b) Cast iron flanged specials with flanged joints	Kg.	-	-
	i) 3" to 6" (75 mm to 150 mm) dia.	Kg.	60.00	325.32
	ii) 8" to 12" (200 mm to 300 mm) inner dia.	Kg.	46.32	311.64
	iii) 15" to 18" (375 mm to 450 mm) inner dia.	Kg.	30.00	295.32
	c) Cast iron specials with tyton joints	Kg.	-	-
	i) 3" to 6" (75 mm to 150 mm) dia.	Kg.	30.00	343.56
	ii) 8" to 12" (200 mm to 300 mm) inner dia.	Kg.	30.00	391.80
	iii) 15" to 18" (375 mm to 450 mm) inner dia.	Kg.	30.00	464.16
23-47	Supplying and fitting C.I. manhole cover with frame weighing not less than 10.25 lbs/sq.ft (50 kg per sq.m.).			
	a) 12" (300 mm.) dia.	Each	456.00	1,505.22
	b) 18" (450 mm.) dia.	Each	456.00	2,233.64
	c) 24" (600 mm.) dia.	Each	342.00	3,752.57
	d) 12" (300 mm.) square	Each	456.00	1,541.40
	e) 18" (450 mm.) square	Each	456.00	2,899.36
	f) 24" (600 mm.) square	Each	684.00	5,025.60
23-48	Providing and fitting C.P. or oxidised gas cock 1/4" (6 mm) dia.		-	-
	a) Single way	Each	142.50	606.90
	b) Double way	Each	342.00	798.00
	c) Three way	Each	285.00	849.00
23-49	Providing and fitting nipple or bush 1/4" x 3/8" (6mm - 10mm) inner dia.	Each	91.20	153.60
23-50	Providing and fitting union/socket		-	-
	a) 1/2" (12 mm) dia.	Each	91.20	247.20
	b) 3/4" (20 mm) dia.	Each	91.20	358.80
	c) 1" (25 mm) dia.	Each	91.20	418.80
23-51	Providing and fixing brass gas cock.		-	-
	a) 1/2" (12 mm) dia.	Each	91.20	247.20
	b) 3/4" (20 mm) dia.	Each	91.20	358.80

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
23-52	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipe ILL make or equivalent gas line including the cost of jointing material.		-	-
a) Light duty			-	-
i) 1/2" (15 mm) inner dia.		R.M	172.80	964.32
		R.ft	52.68	294.00
ii) 3/4" (20 mm) inner dia.		R.M	172.80	1,580.40
		R.ft	52.68	481.83
iii) 1" (25 mm) inner dia.		R.M	194.88	2,336.88
		R.ft	59.41	712.46
iv) 1.25" (30 mm) inner dia.		R.M	194.88	2,973.36
		R.ft	59.41	906.51
v) 1.5" (40 mm) inner dia.		R.M	218.40	3,400.80
		R.ft	66.59	1,036.83
vi) 2" (50 mm) inner dia.		R.M	218.40	4,706.40
		R.ft	66.59	1,434.88
23-53	Providing and fixing superior quality C.P. check valve of approved make for water supply or gas lines.		-	-
a) 1/2" (12 mm) dia.		Each	114.00	681.60
b) 3/4" (20 mm) dia.		Each	114.00	824.40
c) 1" (25 mm) dia.		Each	228.00	2,184.00
d) 1.25" (30 mm) dia.		Each	342.00	3,770.40
e) 1.5" (40 mm) dia.		Each	456.00	6,320.40
f) 2" (50 mm) dia.		Each	588.00	8,648.40
23-54	Providing and fixing C.P. waste coupling.		-	-
a) 1.25" (30 mm) dia.		Each	91.20	444.04
b) 1.5" (40 mm) dia.		Each	91.20	706.80
23-55	Providing and fixing C.P chain with rubber plug.		-	-
a) 1.25" (30 mm) dia.		Each	91.20	931.20
b) 1.5" (40 mm) dia.		Each	91.20	999.60
23-56	Providing and fixing P.V.C. waste pipe		-	-
a) 1.25" (30 mm) dia.		Each	91.20	285.60
b) 1.5" (40 mm) dia.		Each	91.20	300.00
23-57	Providing and fixing P.V.C. waste flushing bend.		-	-
a) 1.25" (30 mm) dia.		Each	91.20	434.40
b) 1.5" (40 mm) dia.		Each	91.20	301.20
23-58	Providing and fixing angle iron brackets for wash hand basin, cistern and sinks.	Each	114.00	314.40
23-59	Providing and fixing 1/2" (12 mm) dia. connection pipe including check nuts.		-	-
a) Plastic rubber connection pipe		Each	91.20	447.60
b) Copper connection pipe		Each	91.20	406.80
23-60	Providing and fixing brass ball valve with unsoldered copper ball.		-	-
a) 1/2" (12 mm) dia.		Each	91.20	885.60
b) 3/4" (20 mm) dia.		Each	91.20	991.20
c) 1" (25 mm) dia.		Each	91.20	1,453.20
d) 1.25" (30 mm) dia.		Each	91.20	2,265.60
e) 1.5" (40 mm) dia.		Each	91.20	2,949.60

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
23-61	f) 2" (50 mm) dia. Providing chambers 9" x 6" x 24" for stop cocks and valves etc. with 4-1/2" (115mm) thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:4:8 in foundation, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, 1" thick concrete 1:2:4 flooring complete with C.I. hinged cover and frame 9" x 6" weighing 6.35 kg fixed in 1:2:4 concrete including curing, excavation, back filling and disposal of earth.	Each	91.20	4,029.60
		Each	721.12	2,174.27
23-62	Providing chambers 15" x 9" x 24" for house meters with 4-1/2" thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:4:8 in foundation, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, 1" thick concrete 1:2:4 flooring complete with cast iron hinged cover and frame 15" x 9" weighing 12.7 kg fixed in 1:2:4 concrete including curing, excavation, back filling and disposal of earth.	Each	975.17	3,435.38
23-63	a) Providing chambers 30" x 18" x 56" as per approved design for sluice valve 3" to 12" dia. with 18" dia. C.I. cover and frame weighing 88.9 Kg. fixed in 4" thick R.C.C. 1:2:4 slab with re-steel 5 lbs./cu.ft and 9" thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:3:6 in foundation, 1" thick concrete 1:2:4 flooring, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, including providing and fixing C.I. foot rest at every 12" beyond 30" depth including curing, excavation, back filling and disposal of surplus earth.	Each	4,782.34	25,712.71
	b) Extra for depth beyond 54" (1.37m) including cost of C.I. foot rest for every 12"(300mm) depth (for depth less than 54" (1.37m) deduct at the same rate).	Per cm.	85.43	201.29
23-64	a) Providing chambers 42" x 42" x 7'-0" as per approved design for sluice valve 15" to 24" dia. with 24" dia. C.I. cover and frame weighing 127 Kg. fixed in 6" thick R.C.C. 1:2:4 slab with re-steel 5 lbs./cu.ft and 9" thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:3:6 in foundation, 1" thick concrete 1:2:4 flooring, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, including providing & fixing C.I. foot rest at every 12" beyond 30" depth including curing, excavation, back filling and disposal of surplus earth.	Each	11,146.55	78,360.78
	b) Extra for depth beyond 7 ft.(2.14 m) including cost of C.I. foot rest for every 12" (300mm) depth (for depth less than 7 ft (2.14 m) deduct at the same rate).	Per cm.	58.86	233.30

Sr-No	Description	Unit	Rate (Rs.)	
			Labour	Composite
23-65 a)	Providing chambers 45" x 42" x 8'-0" as per approved design for sluice valve 27" to 30" dia. with 30" dia. Concrete Cover. fixed in 6" thick R.C.C. 1:2:4 slab with re-steel 5 lbs./cu.ft and 9" thick burnt brick masonry walls in 1:6 cement sand mortar, 6" thick cement concrete 1:3:6 in foundation, 1" thick concrete 1:2:4 flooring, 1/2" thick plaster in 1:3 cement sand mortar to all inner wall surfaces, including providing and fixing C.I. foot rest at every 12" beyond 30" depth including curing, excavation, back filling and disposal of surplus earth.	Each	14,684.98	72,358.86
b)	Extra for depth beyond 8 ft (2.44 m) including cost of C.I. foot rest for every 12" (300mm) depth (for depth less than 8 ft (2.44 m) deduct at the same rate).	Each	49.11	237.97
23-66	Extra for 95 Kg cast Iron Pipe		-	24,003.00
a)	Gyser 35 gallons capacity	Each	2,736.00	42,426.00
b)	Gyser 50 gallons capacity	Each	2,736.00	38,658.60
c)	Gas room heater (ordinary, single burner)	Each	1,824.00	9,173.58
d)	Gas room heater (ordinary, double burner)	Each	1,824.00	15,221.58
e)	Gas room heater (fancy, single burner)	Each	1,824.00	13,315.20
f)	Gas room heater (fancy, Double burner)	Each	1,824.00	20,891.58
g)	Gas room heater (fire place design with artificial log or coal, double burner)	Each	2,736.00	17,226.00
h)	Gas lamp (single)	Each	1,368.00	4,140.00
i)	Gas lamp (double)	Each	1,368.00	4,811.58
j)	Instant Gas Gyser 5 Litre capacity	Each	2,736.00	23,945.58
k)	Instant Gas Gyser 8 Litre capacity	Each	2,736.00	24,408.00
l)	Instant Gas Gyser 10 Litre capacity	Each	2,736.00	29,406.42
j)	Instant Gas Gyser 12.5 Litre capacity	Each	2,736.00	35,915.58
23-67	Providing and connecting PVC/ Rubber pipe for gas connection	Per point	132.00	591.60
a)	For first floor	%	-	10.00%
b)	For every additional floor above first floor	%	-	7.50%
23-69	Providing and fixing Complete Bathroom set of Master Common Bath Set with noble hand shower 009/1, 010/3, 025/1, 027B/1, 085/1, 2015/1(3002) including Shower Set, Basin Mixer, bib Cock etc. complete in all respect	Each	3,744.00	28,544.40
23-70	Providing and fixing Sonex/Master WC CR Shower including Connecting Flexible Pipe and bib cok including making requisite numbers of holes and making good with approved material.	Each	312.00	3,859.20
a)	Water Boiler 100 gallons capacity	Each	3,648.00	171,228.00

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SECTION - 24

SURFACE DRAINAGE

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
24-1	Providing and laying tega formed of first class burnt clay bricks on end laid in 3/8" (9.5mm) joint and over 1/2" (13mm) thick cement sand mortar bedding projecting to a height of not more than 6" (150mm) top of drain along the property side where required laid to line, grade, slope and shape according to the drawings.			
a) 3" (75 mm) thick				
i) Cement sand mortar 1 : 3	R.M	93.80		299.55
	R.ft	28.60		91.33
ii) Cement sand mortar 1 : 5	R.M	93.80		287.15
	R.ft	28.60		87.55
b) 4-1/2" (114 mm) thick				
i) Cement sand mortar 1 : 3	R.M	139.28		478.83
	R.ft	42.46		145.98
ii) Cement sand mortar 1 : 5	R.M	139.28		332.62
	R.ft	42.46		101.41
24-2	Providing and laying first class burnt clay bricks 3" (75 mm) thick laid in 3/8" (9.5mm) joint in cement sand mortar on side of drains and in other works where required. All joints to be completely filled and struck flush.		-	-
a) Cement sand mortar 1 : 3	Sq.m	449.01		1,290.71
	Sq.ft	41.71		119.91
b) Cement sand mortar 1 : 5	Sq.m	449.01		1,244.65
	Sq.ft	41.71		115.63
c) Cement sand mortar 1 : 6	Sq.m	449.01		1,232.53
	Sq.ft	41.71		114.51
24-3	Providing and laying first class burnt clay bricks on edge 4.5" (115mm) thick laid in 3/8" (9.5mm) joint in cement sand mortar on side of drains and on other works where required. All joints to be completely filled and struck flush.		-	-
a) Cement sand mortar 1 : 3	Sq.m	640.11		2,033.69
	Sq.ft	59.47		188.94
b) Cement sand mortar 1 : 5	Sq.m	640.11		1,931.56
	Sq.ft	59.47		179.45
c) Cement sand mortar 1 : 6	Sq.m	640.11		1,904.69
	Sq.ft	59.47		176.95
24-4	Providing and laying first class burnt brick masonry including raking out joints and curing in base (foundation) of surface drains in 3/8" (9.5mm) joints of required thickness.		-	-
a) Cement sand mortar 1 : 3	Cu.m	430.31		13,081.16
	Cu.ft	12.18		370.42
b) Cement sand mortar 1 : 5	Cu.m	430.31		13,081.16
	Cu.ft	12.18		370.42
c) Cement sand mortar 1 : 6	Cu.m	430.31		13,081.16
	Cu.ft	12.18		370.42
24-5	Providing and laying cement concrete using 3/4" (19mm) and down gauge crushed aggregate in base (foundation) of flat or semi circular surface drain of required thickness cast in panels not exceeding 24 sq.in (60 sq.cm) including curing, but excluding the cost of reinforcement and expansion joints.		-	-
a) 1 : 2 : 4	Cu.m	2,671.20		14,806.87

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
24-6	b) 1 : 3 : 6	Cu.ft	75.64	419.28
		Cu.m	2,671.20	13,168.69
	c) 1 : 4 : 8	Cu.ft	75.64	372.90
		Cu.m	2,671.20	11,295.56
		Cu.ft	75.64	319.85
	Providing and laying first class burnt brick masonry including surface preparation, raking out joints and curing of surface preparation, raking out joints and curing of surface drains in 3/8" (9.5 mm) joints of required thickness.		-	-
	a) Cement sand mortar 1 : 3	Cu.m	4,873.07	17,434.48
		Cu.ft	137.99	493.69
	b) Cement sand mortar 1 : 5	Cu.m	4,873.07	16,668.10
		Cu.ft	137.99	471.99
24-7	c) Cement sand mortar 1 : 6	Cu.m	4,873.07	16,466.53
		Cu.ft	137.99	466.28
	Providing and laying first class burnt flat bricks 3" (75mm) thick laid in 3/8" (9.5mm) joint in Herring bond pitching in cement sand mortar laid to lines, grades, shapes and slopes as per drawings.		-	-
	a) Cement sand mortar 1 : 3	Sq.m	382.20	1,223.89
		Sq.ft	35.51	113.70
	b) Cement sand mortar 1 : 5	Sq.m	382.20	1,177.83
		Sq.ft	35.51	109.42
	c) Cement sand mortar 1 : 6	Sq.m	382.20	1,165.71
		Sq.ft	35.51	108.30
24-8	Providing and laying first class burnt brick on edge 4.5" (115mm) thick laid in 3/8" (9.5mm) joint in herring bond pitching in cement sand mortar laid to lines, grades, shapes and slopes as per drawings.		-	-
	a) Cement sand mortar 1 : 3	Sq.m	560.87	1,954.44
		Sq.ft	52.11	181.57
	b) Cement sand mortar 1 : 5	Sq.m	560.87	1,852.32
		Sq.ft	52.11	172.09
	c) Cement sand mortar 1 : 6	Sq.m	560.87	1,825.44
		Sq.ft	52.11	169.59
24-9	Providing and laying 4" (100 mm) thick cement concrete block masonry using crushed aggregate 3/4" (19mm) and down gauge including surface preparation raking out joints and curing for surface drains in 1/2" (12.7mm) thick joints of required thickness.		-	-
	a) 1 : 4 : 8	Cu.m	-	-
		Cu.ft	-	-
	i) Cement sand mortar 1 : 4	Cu.m	5,710.13	14,743.52
		Cu.ft	161.69	417.49
	ii) Cement sand mortar 1 : 5	Cu.m	5,710.13	14,520.03
		Cu.ft	161.69	411.16
	iii) Cement sand mortar 1 : 6	Cu.m	5,710.13	14,408.34
		Cu.ft	161.69	408.00
	b) 1 : 3 : 6		-	-
	i) Cement sand mortar 1 : 3	Cu.m	5,710.13	16,864.53
		Cu.ft	161.69	477.55

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
ii)	Cement sand mortar 1 : 5	Cu.m	5,710.13	16,466.86
		Cu.ft	161.69	466.29
iii)	Cement sand mortar 1 : 6	Cu.m	5,710.13	16,333.84
		Cu.ft	161.69	462.52
24-10	Providing, dressing and laying uncoursed rubble masonry in foundation and sides of drains of required thickness including curing.		-	-
a)	Cement sand mortar 1 : 3	Cu.m	4,309.20	12,401.42
		Cu.ft	122.02	351.17
b)	Cement sand mortar 1 : 4	Cu.m	4,309.20	11,084.44
		Cu.ft	122.02	313.88
c)	Cement sand mortar 1 : 6	Cu.m	4,309.20	9,739.76
		Cu.ft	122.02	275.80
24-11	Providing and laying cement concrete using 3/4" (19mm) and down gauge crushed aggregate in base (foundation) flat or semi circular and sides of open surface drains of required thickness cast in panels not exceeding 24" (60cm) without using forms including curing but excluding the cost of reinforcement and expansion joints.		-	-
a)	1 : 2 : 4	Cu.m	3,176.55	15,312.22
		Cu.ft	89.95	433.59
b)	1 : 3 : 6	Cu.m	3,176.55	13,674.04
		Cu.ft	89.95	387.21
c)	1 : 4 : 8	Cu.m	3,176.55	11,800.91
		Cu.ft	89.95	334.16
24-12	Laying R.C.C pipes in position provided by the Department including jointing.		-	-
a)	6" to 12" (150mm to 300mm)	R.M	600.00	750.00
		R.ft	182.93	228.66
b)	Above 12" to 24" (300mm to 600mm)	R.M	900.00	1,125.00
		R.ft	274.39	342.99
c)	Above 24" to 36" (600mm to 900mm)	R.M	1,200.00	1,500.00
		R.ft	365.85	457.32
24-13	Construct drain comprising P.C.C. 1:2:4 with 1:4:8 P.C.C. bedding laid in lines, grades, slopes and shapes rendering exposed surface of concrete with 3/8" (6mm) thick 1:2 cement sand mortar in accordance with Punjab Standard Drains and as directed by the Engineer Incharge (Excavation shall be paid seperately)		-	-
a)	Type IV	R.M	89.56	6,884.68
		R.ft	27.30	2,098.99
b)	Type V	R.M	139.34	8,565.88
		R.ft	42.48	2,611.55
c)	Type VI	R.M	160.14	9,696.01
		R.ft	48.82	2,956.10
d)	Type VII	R.M	177.49	10,748.61
		R.ft	54.11	3,277.01
e)	Type VIII	R.M	198.23	12,010.13
		R.ft	60.44	3,661.63

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SECTION - 25

SEWERAGE

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
25-1	Providing and laying cement concrete pipes moulded with cement concrete 1:1.5:3 with spigot socket or collar joint as specified in trenches to correct alignment and grade, jointing with jointing materials including cutting pipes where necessary, finishing and testing.			
	a) Plain cement concrete pipe conforming to ASTM C-14 class-II or equivalent.			
	i) 4" (100 mm) inner dia.	R.M	168.00	568.68
		R.ft	51.22	173.38
	ii) 6" (150 mm) inner dia.	R.M	210.00	939.54
		R.ft	64.02	286.45
	iii) 9" (225 mm) inner dia.	R.M	294.00	1,456.98
		R.ft	89.63	444.20
	b) R.C.C pipe with bell & spigot or tongued & grooved joint conforming to ASTM C-76 class II wall B or BS 3911 Part I class M including cost of reinforcement.			
	i) 9" 225 mm inner dia.	R.M	294.00	1,653.54
		R.ft	89.63	504.13
	ii) 12" (300 mm) inner dia.	R.M	630.00	2,734.20
		R.ft	192.07	833.60
	iii) 15" (375 mm) inner dia.	R.M	630.00	3,350.34
		R.ft	192.07	1,021.45
	iv) 18" (450 mm) inner dia.	R.M	735.00	4,181.10
		R.ft	224.09	1,274.73
	v) 21" (525 mm) inner dia.	R.M	945.00	4,885.50
		R.ft	288.11	1,489.48
	vi) 24" (600 mm) inner dia.	R.M	1,050.00	6,872.46
		R.ft	320.12	2,095.26
	vii) 27" (675 mm) inner dia.	R.M	1,470.00	9,780.96
		R.ft	448.17	2,982.00
	viii) 30" (750 mm) inner dia.	R.M	1,680.00	11,998.14
		R.ft	512.20	3,657.97
	ix) 33" (825 mm) inner dia.	R.M	1,898.40	13,229.58
		R.ft	578.78	4,033.41
	x) 36" (900 mm) inner dia.	R.M	2,520.00	15,693.30
		R.ft	768.29	4,784.54
	xi) 42" (1050 mm) inner dia.	R.M	3,360.00	19,367.04
		R.ft	1,024.39	5,904.59
	xii) 48" (1200 mm) inner dia.	R.M	5,376.00	23,684.00
		R.ft	1,639.02	7,220.73
	xiii) 54" (1350 mm) inner dia.	R.M	7,560.00	31,675.14
		R.ft	2,304.88	9,657.05
	xiv) 60" (1500 mm) inner dia.	R.M	10,185.84	40,423.32
		R.ft	3,105.44	12,324.18
	xv) 66" (1650 mm) inner dia.	R.M	15,120.00	42,377.63
		R.ft	4,609.76	12,920.01
	xvi) 72" (1800 mm) inner dia.	R.M	20,160.00	66,511.62
		R.ft	6,146.34	20,277.93

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
25-2	Providing and fixing gulley trap with 4" (100mm) outlet, complete with 4" (100mm) thick 1:2:4 cement concrete using 3/4" (19mm) crushed aggregate for bed and kerb, 1/2" (13mm) thick cement plaster 1:3, 12"x12"x18" deep inside dimension chamber with C.I. grating 6"x6" cover and frame 12"x12"			
a)	Cement concrete gulley trap 6" x 6" x 4" (150 x 150 x 100 mm) with C.I. cover and frame weighing not less than 10 kg.	Each	3,682.80	6,952.05
b)	C.I. Gulley trap 6" x 6" x 4" weighing not less than 20 kg	Each	3,682.80	7,195.65
c)	Cement concrete gulley trap 6" x 6" x 4" with 2" (50 mm) thick RCC cover and C.I. frame weighing not less than 4 kg.	Each	3,682.80	6,647.38
d)	C.I. gulley trap 6" x 6" x 4" with 2" (50 mm) thick RCC cover and C.I. frame weighing not less than 4 kg.	Each	3,682.80	6,686.98
25-3-1	Constructing gulley grating chamber size 36" x 30" (inner dimensions) and 30" deep with glazed earthen ware trap and C.I grating 36" x 30" fixed in 6" thick RCC 1:2:4 slab with (5 lbs. per Cu.ft or 80.09 kg/cu.m steel) with 9" (225mm) burnt brick masonry walls set in 1:6 cement sand mortar, 6" (150 mm) thick 1:3:6 cement concrete in foundation, 1" (25 mm) thick 1:2:4 cement concrete flooring and 1/2" (13mm) thick 1:3 cement plaster to all inside wall surfaces including curing but excluding the cost of excavation, back filling and disposal of excavated stuff.	Each	5,221.91	29,900.12
25-4	a) Providing manhole type 'A' size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia.Concrete Cover fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), burnt brick masonry walls 9" (225 mm) thick set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement sand plaster in 1:3 to all inside wall surfaces, channels and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff.	Cu.m	2,958.37	27,316.05
		Cu.ft	83.77	773.50
	b) Extra for depth beyond 24" (600 m) and upto 48" (1.2 m) for 'A' type manholes	Cu.m	119.64	215.26
		Cu.ft	3.39	6.10
25-5	a) Providing manhole type 'B' size 36" x 30" (inside dimensions) x 48" deep as per approved design and specifications complete for 4" to 12" dia. pipe 4ft to 7'-6" depth with 18" dia (inside) Concrete Cover fixed in 6" thick RCC 1:2:4 slab with 5 lbs. per Cu.ft steel and brick masonry walls set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete foundation, 4" av. thick 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement plaster in 1:3 cement sand mortar, to all inner wall surfaces, channels and benching including providing and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff.	Each	5,856.87	44,392.07
	b) Extra for depth beyond 4' (1.2 m) and upto 7'-6" (2.2 m) for 'B' type manholes including cost of cast iron foot rest at every 12" (300mm) of depth	Cu.m	43.94	142.08
		Cu.ft	1.24	4.02
	c) Extra for using C.I. cover and frame 18" dia. inside and weighing 89 kg for main roads.	Each	-	5,003.93

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
25-6 a)	Providing manhole type 'C' size 36" x 30" (inside dimensions) x 7.5 ft deep as per approved design and specifications complete for 4" to 12" dia. pipe 7'-6" to 12 ft depth with 18" dia (inside) Concrete Cover fixed in 6" thick RCC 1:2:4 slab with 5 lbs per Cu.ft steel and brick masonry walls set in 1:3 cement sand mortar, 6" thick 1:3:6 cement concrete foundation, 4" av. thick 1:2:4 cement concrete in benching and 1/2" (13 mm) thick cement plaster in 1:3 cement sand mortar, to all inner wall surfaces, channels and benching including providing and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff.	Cu.m	13,147.65	75,649.64
		Cu.ft	372.30	2,142.16
b)	Extra for depth beyond 7'-6" upto 12 ft (2.2 m to 3.66 m) for 'C' type manholes including cost of cast iron foot rest at every 12" (300mm) of depth	Each	43.94	142.08
25-7 a)	Providing manhole type 'D' size 4'-6" x 3' at bottom and 3' x 2' at top (inside dimensions at both level) x 13.5 ft deep as per approved design and specifications complete for 6" to 15" dia. pipe deeper than 12' upto 20 ft depth with 20" dia (inside) C.I. cover and frame (Wt. = 101.6 kg) fixed in 6" thick RCC 1:2:4 slab and 7" thick RCC slab and lintel for supporting 9" thick brick masonry upto 7'-6" depth from top and 18" thick masonry 6' including lintel (height from bottom) set in 1:3 cement sand mortar, 9" thick 1:3:6 cement concrete in foundation, 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement plaster in 1:3 cement sand mortar, to all inner wall surfaces, channels and benching including providing and fixing C.I. foot rest at every 12" of depth and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff. The reinforcement for RCC shall be used at 5 lbs. per Cu.ft of concrete.	Cu.m	18,567.62	174,395.97
		Cu.ft	525.78	4,938.34
b)	Extra for 18" thick masonry beyond 13'-6" upto 20 ft (4.1 m to 6.1 m) for 'D' type manholes including cost of extra foot rest at every 12" (300 mm) of depth	Cu.m	64.89	302.74
		Cu.ft	1.84	8.57
c)	Deduct for lesser depth than 13'-6" (4.1 m) for 'D' type manholes effecting 9" thick masonry, plastering and C.I. foot rest.	Each	22.62	106.33
25-8 a)	Providing manhole type 'E' size 4'-6"x4' at bottom and 3'x2' at top (inside dimensions at both level) x 14.5 ft deep as per approved design and specifications complete for 18" to 24" dia. pipe deeper than 12' upto 20 ft depth with 20" dia (inside) Concrete cover 20 " with frame fixed in 6" thick RCC 1:2:4 slab and 9" thick RCC slab and lintel for supporting 9" thick brick masonry upto 7'-6" depth from top and 18" thick masonry 7' including lintel (height from bottom) set in 1:3 cement sand mortar, 9" thick 1:3:6 cement concrete in foundation, 1:2:4 cement concrete in benching and 1/2" (13mm) thick cement plaster in 1:3 cement sand mortar, to all inner wall surfaces, channels and benching including providing and fixing C.I. foot rest at every 12" of depth and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff. The reinforcement for RCC shall be used at 5 lbs. per Cu.ft of concrete.	Cu.m	41,759.24	226,370.14

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		Cu.ft	1,182.49	6,410.08
	b) Extra for 18" thick masonry required for extra depth beyond 14'- 6" upto 20 ft (4.42m to 6.1m) for 'E' type manholes including cost of extra foot rest at every 12" (300mm) of depth		71.34	562.91
	c) Deduct for lesser depth than 14'-6" (4.42 m) for 'E' type manholes effecting 9" thick masonry, plastering and C.I. foot rest.	Sq.m	22.62	106.33
		Sq.ft	2.10	9.88
25-9-1	Mixing and finishing 1:2:4 concrete benching for floor work in manhole chamber with 1/8" (3 mm) thick cement finish.	Sq.m	554.40	682.36
		Sq.ft	51.51	63.39
25-10-1	Restoration of brick pavement laid dry on edge and joint filled with sand laid over service line with 2" (50 mm) sand cushion underneath.	Sq.m	242.85	978.91
		Sq.ft	22.56	90.94
25-11	Restoration of flat brick pavement laid dry and joint filled with sand laid on service line with 2" (50 mm) sand cushion underneath.		196.65	659.29
25-12	Providing and fixing step iron or foot rest in manhole chambers including setting to correct lines and levels.	Each	-	-
	a) Angle iron 1.25" x 1.25" x 3/16" (32 mm x 32 mm x 5 mm)		157.50	892.80
	b) C.I. foot rest	Each	157.50	471.90
25-13-1	Fixing manhole frame and cover in R.C.C. slab including carriage and cost of fixing material.	Each	577.50	779.63
25-14-1	Providing and fixing 22" dia. manhole cover in 3" (75 mm) thick RCC 1:2:4, with steel at 5 lbs per cu.ft of concrete with tee shaped C.I. frame of 20" clear inner dia. frame weighing 37.5 kg. including cost of fixing material.	Each	1,155.00	10,373.73
25-15-1	Providing and fixing 22 " dia. manhole cover in 6" (150 mm) thick RCC 1:2:4 slab with 5 lbs per Cu.ft steel with tee shaped C.I. frame of 20" (500mm) clear inner dia. frame weighing 37.50 kg. including cost of fixing material.	Each	1,732.50	11,761.95
25-16-1	Providing and fixing 22 " (550 mm) dia. manhole cover in 6" (150mm) thick RCC 1:2:4 slab with 5 lbs per Cu.ft steel with 3" x 3" x 3/8" angle iron frame of 20" (500mm) clear inner dia. weighing 15.5 kg. including cost of fixing material.	Cu.m	1,957.50	8,224.35
		Cu.ft	55.43	232.89
25-17-1	Desilting of disposal work collecting tank, including removal of sludge upto 300ft (90m)		336.00	493.50
25-18	Providing and fixing C.I. ventilating shaft with all specials required such as sockets, flanges, radial tees including cost of painting two coats of white zinc paint with pigment of approved shade, excavation. Concrete work shall be paid for separatelv.	Kg.	-	-
	a) 6" (150 mm) inner dia.		-	-
	i) 18 ft. (5.5 m.) long		7.56	272.88
	ii) 24 ft. (7.3 m.) long		8.64	273.96
	iii) 30 ft. (9.15 m.) long		10.80	276.12
	iv) 36 ft. (11 m.) long	Kg.	12.96	278.28
	b) 9" 225 mm inner dia.		-	-
	i) 18 ft. (5.5 m.) long		8.64	273.96
	ii) 24 ft. (7.3 m.) long		10.80	276.12
	iii) 30 ft. (9.15 m.) long		12.96	278.28
	iv) 36 ft. (11 m.) long	Kg.	14.04	279.36

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
c)	12" (300 mm) inner dia.		-	-
i)	18 ft. (5.5 m.) long		10.80	276.12
ii)	24 ft. (7.3 m.) long		12.96	278.28
iii)	30 ft. (9.15 m.) long	R.M	14.04	279.36
		R.ft	4.28	85.17
25-19	Clearing of silt in 10 ft (3m.) dia wells and removal of slush outside the compound.			-
a)	Upto 10 ft (3 m.) depth of slush	R.M	4,729.20	4,729.20
		R.ft	1,441.83	1,441.83
b)	Beyond 10 ft (3 m.) depth of slush	R.M	5,600.00	5,600.00
		R.ft	1,707.32	1,707.32
25-20	Providing and Installing uPVC pipe IIL, Dadex or equivalent make registered with PSQCA in sewerlines and/or laying, cutting, jointing, testing including all specials in pipe lines in trenches.			
a)	Class B			
i)	3" (75 mm) dia	R.M	58.80	1,766.16
		R.ft	17.93	538.46
ii)	4" (100 mm) dia	R.M	58.80	2,638.14
		R.ft	17.93	804.31
iii)	5" (125 mm) dia	R.M	88.20	3,666.81
		R.ft	26.89	1,117.93
iv)	6" (150 mm) dia	R.M	88.20	5,138.67
		R.ft	26.89	1,566.67
v)	8" (200 mm) dia	R.M	88.20	7,770.51
		R.ft	26.89	2,369.06
vi)	10" (250 mm) dia	R.M	117.60	13,211.58
		R.ft	35.85	4,027.92
vii)	12" (300 mm) dia	R.M	117.60	18,381.39
		R.ft	35.85	5,604.08
viii)	14" (350 mm) dia	R.M	117.60	21,788.15
		R.ft	35.85	6,642.73
ix)	16" (400 mm) dia	R.M	176.40	28,924.61
		R.ft	53.78	8,818.48
x)	18" (450 mm) dia	R.M	176.40	35,523.32
		R.ft	53.78	10,830.28
xi)	20" (500 mm) dia	R.M	176.40	48,599.80
		R.ft	53.78	14,817.01
xii)	22" (550 mm) dia	R.M	294.00	58,875.62
		R.ft	89.63	17,949.88
xiii)	24" (600 mm) dia	R.M	294.00	64,252.28
		R.ft	89.63	19,589.11
b)	Class C			
i)	3" (75 mm) dia	R.M	58.80	2,450.37
		R.ft	17.93	747.07
ii)	4" (100 mm) dia	R.M	58.80	3,530.80
		R.ft	17.93	1,076.46
iii)	5" (125 mm) dia	R.M	88.20	5,771.97
		R.ft	26.89	1,759.75

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
iv)	6" (150 mm) dia	R.M	88.20	8,352.89
		R.ft	26.89	2,546.61
v)	8" (200 mm) dia	R.M	88.20	12,545.70
		R.ft	26.89	3,824.91
vi)	10" (250 mm) dia	R.M	117.60	22,257.56
		R.ft	35.85	6,785.84
vii)	12" (300 mm) dia	R.M	117.60	32,243.93
		R.ft	35.85	9,830.47
viii)	14" (350 mm) dia	R.M	117.60	37,654.01
		R.ft	35.85	11,479.88
ix)	16" (400 mm) dia	R.M	176.40	58,048.34
		R.ft	53.78	17,697.67
x)	18" (450 mm) dia	R.M	176.40	59,106.49
		R.ft	53.78	18,020.27
xi)	20" (500 mm) dia	R.M	176.40	61,838.58
		R.ft	53.78	18,853.23
xii)	22" (550 mm) dia	R.M	294.00	64,233.19
		R.ft	89.63	19,583.29
xiii)	24" (600 mm) dia	R.M	294.00	67,418.77
		R.ft	89.63	20,554.50
c) Class D				
i)	3" (75 mm) dia	R.M	58.80	2,377.18
		R.ft	17.93	724.75
ii)	4" (100 mm) dia	R.M	58.80	3,401.91
		R.ft	17.93	1,037.17
iii)	6" (150 mm) dia	R.M	88.20	5,635.12
		R.ft	26.89	1,718.03
iv)	6" (150 mm) dia	R.M	88.20	8,236.74
		R.ft	26.89	2,511.20
v)	8" (200 mm) dia	R.M	88.20	12,534.57
		R.ft	26.89	3,821.51
vi)	10" (250 mm) dia	R.M	117.60	18,429.13
		R.ft	35.85	5,618.64
vii)	12" (300 mm) dia	R.M	117.60	31,532.66
		R.ft	35.85	9,613.62
viii)	14" (350 mm) dia	R.M	117.60	41,496.76
		R.ft	35.85	12,651.45
ix)	16" (400 mm) dia	R.M	176.40	49,377.90
		R.ft	53.78	15,054.24
x)	18" (450 mm) dia	R.M	176.40	52,466.41
		R.ft	53.78	15,995.86
xi)	20" (500 mm) dia	R.M	176.40	58,891.68
		R.ft	53.78	17,954.78
xii)	22" (550 mm) dia	R.M	294.00	60,414.31
		R.ft	89.63	18,419.00
xiii)	24" (600 mm) dia	R.M	294.00	64,323.89
		R.ft	89.63	19,610.94
d) Class E				
i)	3" (75 mm) dia	R.M	58.80	2,800.44
		R.ft	17.93	853.79

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
ii)	4" (100 mm) dia	R.M	58.80	4,332.76
		R.ft	17.93	1,320.96
iii)	5" (125 mm) dia	R.M	88.20	6,777.60
		R.ft	26.89	2,066.34
iv)	6" (150 mm) dia	R.M	88.20	12,743.01
		R.ft	26.89	3,885.07
v)	8" (200 mm) dia	R.M	88.20	19,858.86
		R.ft	26.89	6,054.53
vi)	10" (250 mm) dia	R.M	117.60	34,489.11
		R.ft	35.85	10,514.97
vii)	12" (300 mm) dia	R.M	117.60	47,999.99
		R.ft	35.85	14,634.14
viii)	14" (350 mm) dia	R.M	117.60	58,667.40
		R.ft	35.85	17,886.40
ix)	16" (400 mm) dia	R.M	176.40	67,113.41
		R.ft	53.78	20,461.41
x)	18" (450 mm) dia	R.M	176.40	72,798.77
		R.ft	53.78	22,194.75
xi)	20" (500 mm) dia	R.M	176.40	76,511.04
		R.ft	53.78	23,326.54
xii)	22" (550 mm) dia	R.M	294.00	78,687.65
		R.ft	89.63	23,990.14
xiii)	24" (600 mm) dia	R.M	294.00	80,649.60
		R.ft	89.63	24,588.29
25-21 a)	Providing manhole type 'A' size 24" x 18" (inside dimensions) as per approved design and specifications complete for 4" to 12" dia pipes upto 4 ft. (1.2 m) depth with 16" dia. Concrete cover and frame fixed in 4" thick RCC 1:2:4 slab (with 5 lbs per Cu.ft. or 80 kg/Cu.m of steel), 6" (150 mm) thick 1:2:4 cement concrete, 6" thick 1:3:6 cement concrete in foundation, 4" av. thickness 1:2:4 cement concrete in benching and benching including making requisite number of main and branch channels but excluding the cost of excavation, back filling and disposal of excavated stuff.	Each	1,464.12	32,593.04
b)	Extra for depth beyond 24" (600 m) and upto 48" (1.2 m) for 'A' type manholes	Cu.m	12.34	68.29
		Cu.ft	0.35	1.93
25-22 a)	Providing manhole type 'B' size 36" x 30" (inside dimensions) x 48" deep as per approved design and specifications complete for 4" to 12" dia. pipe 4ft to 7'-6" depth with 18" dia (inside) Concrete cover and frame fixed in 6" thick RCC 1:2:4 slab with 5 lbs. per Cu.ft steel and Concrete walls, 6" thick 1:3:6 cement concrete foundation, 4" av. thick 1:2:4 cement concrete in benching to all inner wall surfaces, channels and benching including providing and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff.	Each	2,562.21	47,960.02
b)	Extra for depth beyond 4' (1.2 m) and upto 7'-6" (2.2 m) for 'B' type manholes including cost of cast iron foot rest at every 12" (300mm) of depth	Cu.m	17.28	130.32
		Cu.ft	0.49	3.69
c)	Extra for using C.I. cover and frame 18" dia. inside and weighing 89 kg for main roads.	Each		(850.80)

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
25-23 a)	Providing manhole type 'C' size 36" x 30" (inside dimensions) x 7.5 ft deep as per approved design and specifications complete for 4" to 12" dia. pipe 7'-6" to 12 ft depth with 18" dia (inside) Concrete cover fixed in 6" thick RCC 1:2:4 slab with 5 lbs per Cu.ft steel and 6" thick RCC Walls, 6" thick 1:3:6 cement concrete foundation, 4" av. thick 1:2:4 cement concrete and benching including providing and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff.	Cu.m	7,442.70	114,353.99
		Cu.ft	210.75	3,238.14
b)	Extra for depth beyond 7'-6" upto 12 ft (2.2 m to 3.66 m) for 'C' type manholes including cost of cast iron foot rest at every 12" (300mm) of depth	Each	17.28	130.32
c)	Extra for using C.I. cover weighing 89 kg for main roads.	Each	-	(850.80)
25-24 a)	Providing manhole type 'D' size 4'-6" x 3' at bottom and 3' x 2' at top (inside dimensions at both level) x 13.5 ft deep as per approved design and specifications complete for 6" to 15" dia. pipe deeper than 12' upto 20 ft depth with 20" dia (inside) Concrete cover and frame fixed in 6" thick RCC 1:2:4 slab and 7" thick RCC slab and lintel for supporting 6" thick RCC walls upto 7'-6" depth from top , 9" thick 1:3:6 cement concrete in foundation, 1:2:4 cement concrete in benching to all inner wall surfaces, channels and benching including providing and fixing C.I. foot rest at every 12" of depth and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff. The reinforcement for RCC shall be used at 5 lbs. per Cu.ft of concrete.	Each	5,598.57	191,812.08
b)	Extra for using C.I. cover and frame 18" dia. inside and weighing 101 kg for main roads.	Each		1,779.60
25-25 a)	Providing manhole type 'E' size 4'-6"x4' at bottom and 3'x2' at top (inside dimensions at both level) x 14.5 ft deep as per approved design and specifications complete for 18" to 24" dia. pipe deeper than 12' upto 20 ft depth with 20" dia (inside) Concrete cover and frame fixed in 6" thick RCC 1:2:4 slab and 9" thick RCC slab and 6" thick Concrete walls, 9" thick 1:3:6 cement concrete in foundation, 1:2:4 cement concrete in benching including providing and fixing C.I. foot rest at every 12" of depth and making requisite number of main and branch channels but excluding the cost of excavation, back filling, disposal of excavated stuff. The reinforcement for RCC shall be used at 5 lbs. per Cu.ft of concrete.	Cu.m	23,519.28	433,472.77
		Cu.ft	665.99	12,274.57
b)	Extra for RCC walls required for extra depth beyond 14'- 6" upto 20 ft (4.42m to 6.1m) for 'E' type manholes including cost of extra foot rest at every 12" (300mm) of depth	Each	85.15	1,318.38
c)	Extra for using C.I. cover and frame 20" dia. inside and weighing 101 kg for main roads.			(1,614.00)

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 26

SINKING OF WELLS

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
26-1	Excavation of well in dry and under water level and disposal of soil within 100 ft. (30m or one chain)			
a)	In ordinary soil or sand		-	-
i)	Upto 5 ft. (1.5 m) depth	Cu.m	511.56	511.56
		Cu.ft	14.49	14.49
ii)	Above 5 ft. to 10 ft. (1.5 m to 3 m) depth	Cu.m	554.19	554.19
		Cu.ft	15.69	15.69
iii)	Above 10 ft. to 15 ft. (3 m to 4.5 m) depth	Cu.m	596.82	596.82
		Cu.ft	16.90	16.90
iv)	Above 15 ft. to 20 ft. (4.5 m to 6 m) depth	Cu.m	639.45	639.45
		Cu.ft	18.11	18.11
v)	Above 20 ft. to 25 ft. (6 m to 7.5 m) depth	Cu.m	682.08	682.08
		Cu.ft	19.31	19.31
vi)	Above 25 ft. to 30 ft. (7.5 m to 9 m) depth	Cu.m	767.34	767.34
		Cu.ft	21.73	21.73
vii)	Above 30 ft. to 35 ft. (9 m to 10.5 m) depth	Cu.m	852.60	852.60
		Cu.ft	24.14	24.14
viii)	Above 35 ft. to 40 ft. (10.5 m to 12 m) depth	Cu.m	937.86	937.86
		Cu.ft	26.56	26.56
ix)	Above 40 ft. to 45 ft. (12 m to 13.5 m) depth	Cu.m	1,023.12	1,023.12
		Cu.ft	28.97	28.97
x)	Above 45 ft. (13.5 m) to any depth	Cu.m	1,364.16	1,364.16
		Cu.ft	38.63	38.63
xi)	Under water upto 15 ft. depth (upto 4.5 m below water level)	Cu.m	1,705.20	1,705.20
		Cu.ft	48.29	48.29
b)	In hard soil		-	-
i)	Upto 5 ft. (1.5 m) depth	Cu.m	596.82	596.82
		Cu.ft	16.90	16.90
ii)	Above 5 ft. to 10 ft. (1.5 m to 3 m) depth	Cu.m	639.45	639.45
		Cu.ft	18.11	18.11
iii)	Above 10 ft. to 15 ft. (3 m to 4.5 m) depth	Cu.m	682.08	682.08
		Cu.ft	19.31	19.31
iv)	Above 15 ft. to 20 ft. (4.5 m to 6 m) depth	Cu.m	724.71	724.71
		Cu.ft	20.52	20.52
v)	Above 20 ft. to 25 ft. (6 m to 7.5 m) depth	Cu.m	809.97	809.97
		Cu.ft	22.94	22.94
vi)	Above 25 ft. to 30 ft. (7.5 m to 9 m) depth	Cu.m	895.23	895.23
		Cu.ft	25.35	25.35
vii)	Above 30 ft. to 35 ft. (9 m to 10.5 m) depth	Cu.m	980.49	980.49
		Cu.ft	27.76	27.76
viii)	Above 35 ft. to 40 ft. (10.5 m to 12 m) depth	Cu.m	1,065.75	1,065.75
		Cu.ft	30.18	30.18
ix)	Above 40 ft. to 45 ft. (12 m to 13.5 m) depth	Cu.m	1,151.01	1,151.01
		Cu.ft	32.59	32.59
x)	Above 45 ft. (13.5 m) to any depth	Cu.m	1,449.42	1,449.42

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		Cu.ft	41.04	41.04
	xi) Under water upto 15 ft. depth (upto 4.5 m below water level)	Cu.m	1,875.72	1,875.72
		Cu.ft	53.11	53.11
	c) In hard strata including shingle, gravel or equivalent		-	-
	i) Upto 5 ft. (1.5 m) depth	Cu.m	1,108.38	1,108.38
		Cu.ft	31.39	31.39
	ii) Above 5 ft. to 10 ft. (1.5 m to 3 m) depth	Cu.m	1,151.01	1,151.01
		Cu.ft	32.59	32.59
	iii) Above 10 ft. to 15 ft. (3 m to 4.5 m) depth	Cu.m	1,193.64	1,193.64
		Cu.ft	33.80	33.80
	iv) Above 15 ft. to 20 ft. (4.5 m to 6 m) depth	Cu.m	1,236.27	1,236.27
		Cu.ft	35.01	35.01
	v) Above 20 ft. to 25 ft. (6 m to 7.5 m) depth	Cu.m	1,321.53	1,321.53
		Cu.ft	37.42	37.42
	vi) Above 25 ft. to 30 ft. (7.5 m to 9 m) depth	Cu.m	1,406.79	1,406.79
		Cu.ft	39.84	39.84
	vii) Above 30 ft. to 35 ft. (9 m to 10.5 m) depth	Cu.m	1,492.05	1,492.05
		Cu.ft	42.25	42.25
	viii) Above 35 ft. to 40 ft. (10.5 m to 12 m) depth	Cu.m	1,577.31	1,577.31
		Cu.ft	44.66	44.66
	ix) Above 40 ft. to 45 ft. (12 m to 13.5 m) depth	Cu.m	1,662.57	1,662.57
		Cu.ft	47.08	47.08
	x) Above 45 ft. (13.5 m) to any depth	Cu.m	1,790.46	1,790.46
		Cu.ft	50.70	50.70
	xi) Under water upto 15 ft. depth (upto 4.5 m below water level)	Cu.m	1,875.72	1,875.72
		Cu.ft	53.11	53.11
26-2	Dry sinking of well including loading and removing of excavated material within 100ft (30m.) lead.		-	-
	a) In ordinary soil or sand		-	-
	i) Above 10 ft. to 15 ft. (3 m to 4.5 m) depth	Cu.m	1,875.72	1,875.72
		Cu.ft	53.11	53.11
	ii) Above 15 ft. to 20 ft. (4.5 m to 6 m) depth	Cu.m	2,391.54	2,391.54
		Cu.ft	67.72	67.72
	iii) Above 20 ft. to 25 ft. (6 m to 7.5 m) depth	Cu.m	2,907.37	2,907.37
		Cu.ft	82.33	82.33
	iv) Above 25 ft. to 30 ft. (7.5 m to 9 m) depth	Cu.m	3,423.19	3,423.19
		Cu.ft	96.93	96.93
	v) Above 30 ft. to 35 ft. (9 m to 10.5 m) depth	Cu.m	3,939.01	3,939.01
		Cu.ft	111.54	111.54
	vi) Above 35 ft. to 40 ft. (10.5 m to 12 m) depth	Cu.m	4,454.84	4,454.84
		Cu.ft	126.15	126.15
	vii) Above 40 ft. to 45 ft. (12 m to 13.5 m) depth	Cu.m	4,970.66	4,970.66
		Cu.ft	140.75	140.75
	viii) Above 45 ft. (13.5 m) to any depth	Cu.m	5,486.48	5,486.48
		Cu.ft	155.36	155.36

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
b)	In hard soil		-	-
i)	Above 10 ft. to 15 ft. (3 m to 4.5 m) depth	Cu.m	2,626.01	2,626.01
		Cu.ft	74.36	74.36
ii)	Above 15 ft. to 20 ft. (4.5 m to 6 m) depth	Cu.m	3,141.83	3,141.83
		Cu.ft	88.97	88.97
iii)	Above 20 ft. to 25 ft. (6 m to 7.5 m) depth	Cu.m	3,657.65	3,657.65
		Cu.ft	103.57	103.57
iv)	Above 25 ft. to 30 ft. (7.5 m to 9 m) depth	Cu.m	4,173.48	4,173.48
		Cu.ft	118.18	118.18
v)	Above 30 ft. to 35 ft. (9 m to 10.5 m) depth	Cu.m	4,689.30	4,689.30
		Cu.ft	132.79	132.79
vi)	Above 35 ft. to 40 ft. (10.5 m to 12 m) depth	Cu.m	5,205.12	5,205.12
		Cu.ft	147.39	147.39
vii)	Above 40 ft. to 45 ft. (12 m to 13.5 m) depth	Cu.m	5,720.95	5,720.95
		Cu.ft	162.00	162.00
viii)	Above 45 ft. (13.5 m) to any depth	Cu.m	6,236.77	6,236.77
		Cu.ft	176.61	176.61
c)	In hard strata including shingle, gravel or equivalent		-	-
i)	Above 10 ft. to 15 ft. (3 m to 4.5 m) depth	Cu.m	3,657.65	3,657.65
		Cu.ft	103.57	103.57
ii)	Above 15 ft. to 20 ft. (4.5 m to 6 m) depth	Cu.m	4,173.48	4,173.48
		Cu.ft	118.18	118.18
iii)	Above 20 ft. to 25 ft. (6 m to 7.5 m) depth	Cu.m	4,689.30	4,689.30
		Cu.ft	132.79	132.79
iv)	Above 25 ft. to 30 ft. (7.5 m to 9 m) depth	Cu.m	5,205.12	5,205.12
		Cu.ft	147.39	147.39
v)	Above 30 ft. to 35 ft. (9 m to 10.5 m) depth	Cu.m	5,720.95	5,720.95
		Cu.ft	162.00	162.00
vi)	Above 35 ft. to 40 ft. (10.5 m to 12 m) depth	Cu.m	6,236.77	6,236.77
		Cu.ft	176.61	176.61
vii)	Above 40 ft. to 45 ft. (12 m to 13.5 m) depth	Cu.m	6,752.59	6,752.59
		Cu.ft	191.21	191.21
viii)	Above 45 ft. (13.5 m) to any depth	Cu.m	7,268.42	7,268.42
		Cu.ft	205.82	205.82
26-3	Wet sinking of well in ordinary soil (value of 'c' upto 5) for depth below spring level including charges of machinery, shoring, kentledge and removal of excavated material within 100 ft. (30m.) lead.		-	-
i)	Upto 10 ft (3 m) depth	Cu.m	990.00	2,703.60
		Cu.ft	28.03	76.56
ii)	Above 10 ft. to 20 ft. (3 m to 6 m) depth	Cu.m	2,079.00	5,677.56
		Cu.ft	58.87	160.77
iii)	Above 20 ft. to 30 ft. (6 m to 9 m) depth	Cu.m	2,970.00	8,110.80
		Cu.ft	84.10	229.67
iv)	Above 30 ft. to 40 ft. (9 m to 12 m) depth	Cu.m	3,465.00	9,462.60
		Cu.ft	98.12	267.95

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
26-4	v) Above 40 ft. to 50 ft. (12 m to 15 m) depth	Cu.m	3,712.50	10,138.50
		Cu.ft	105.13	287.09
	vi) Above 50 ft. to 60 ft. (15 m to 18 m) depth	Cu.m	3,960.00	10,814.40
		Cu.ft	112.13	306.23
	vii) Above 60 ft. to 70 ft. (18 m to 21 m) depth	Cu.m	4,207.50	11,490.30
		Cu.ft	119.14	325.37
	viii) Above 70 ft. to 80 ft. (21 m to 24 m) depth	Cu.m	4,455.00	12,166.20
		Cu.ft	126.15	344.51
	ix) Above 80 ft. (24 m) to any depth	Cu.m	4,702.50	12,842.10
		Cu.ft	133.16	363.65
	Wet sinking of well in cohesive soil (value of 'C' more than 5) for depth below spring level including charges of machinery, shoring, kentledge and removal of excavated material within 30m lead.			
	i) Upto 10 ft (3 m) depth	Cu.m	1,485.00	4,055.40
		Cu.ft	42.05	114.84
	ii) Above 10 ft. to 20 ft. (3 m to 6 m) depth	Cu.m	3,118.50	8,516.34
		Cu.ft	88.31	241.16
	iii) Above 20 ft. to 30 ft. (6 m to 9 m) depth	Cu.m	4,455.00	12,166.20
		Cu.ft	126.15	344.51
	iv) Above 30 ft. to 40 ft. (9 m to 12 m) depth	Cu.m	5,197.50	14,193.90
		Cu.ft	147.18	401.93
	v) Above 40 ft. to 50 ft. (12 m to 15 m) depth	Cu.m	5,568.75	15,207.75
		Cu.ft	157.69	430.64
	vi) Above 50 ft. to 60 ft. (15 m to 18 m) depth	Cu.m	5,940.00	16,221.60
		Cu.ft	168.20	459.34
	vii) Above 60 ft. to 70 ft. (18 m to 21 m) depth	Cu.m	6,311.25	17,235.45
		Cu.ft	178.71	488.05
	viii) Above 70 ft. to 80 ft. (21 m to 24 m) depth	Cu.m	6,682.50	18,249.30
		Cu.ft	189.23	516.76
	ix) Above 80 ft. (24 m) to any depth	Cu.m	7,053.75	19,263.15
		Cu.ft	199.74	545.47
26-5	Wet sinking of well in shingle or gravel for depth below spring level including charges for machinery, shoring, kentledge and removal of excavated material within 100 ft. (30 m.) lead.			
	i) Upto 10 ft (3 m) depth	Cu.m	1,980.00	5,407.20
		Cu.ft	56.07	153.11
	ii) Above 10 ft. to 20 ft. (3 m to 6 m) depth	Cu.m	3,742.20	11,355.12
		Cu.ft	105.97	321.54
	iii) Above 20 ft. to 30 ft. (6 m to 9 m) depth	Cu.m	5,940.00	14,599.44
		Cu.ft	168.20	413.41
	iv) Above 30 ft. to 40 ft. (9 m to 12 m) depth	Cu.m	6,930.00	18,925.20
		Cu.ft	196.24	535.90
	v) Above 40 ft. to 50 ft. (12 m to 15 m) depth	Cu.m	7,425.00	20,277.00
		Cu.ft	210.25	574.18
	vi) Above 50 ft. to 60 ft. (15 m to 18 m) depth	Cu.m	7,920.00	21,628.80
		Cu.m		

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		Cu.ft	224.27	612.46
vii)	Above 60 ft. to 70 ft. (18 m to 21 m) depth	Cu.m	8,415.00	22,980.60
		Cu.ft	238.29	650.74
viii)	Above 70 ft. to 80 ft. (21 m to 24 m) depth	Cu.m	8,910.00	24,332.40
		Cu.ft	252.30	689.02
ix)	Above 80 ft. (24 m) to any depth	Cu.m	9,405.00	25,684.20
		Cu.ft	266.32	727.29
26-6	Making and supplying at site of work Kikar or Chalghoza wood well curb.	Cu.m	51,840.00	147,061.23
		Cu.ft	1,467.94	4,164.31
26-7	Laying well curb in position only.	1 Job	1,080.00	1,080.00
26-8	Providing, making and laying R.C.C. well curb in position using 3/4" (19mm) and down gauge crushed aggregate and coarse sand including formwork, moulds, shuttering, rendering the exposed surface including curing. The reinforcement will be paid separately.		-	-
a)	1 : 1.5 : 3	Cu.m	4,050.42	14,629.29
		Cu.ft	114.70	414.26
b)	1 : 2 : 4	Cu.m	4,050.42	12,088.77
		Cu.ft	114.70	342.32
26-9	Providing and fixing structural steel for cutting edge.	% kg	2,784.00	32,356.17
26-10	Making and removing false masonry on well including its dismantling and cost of scraping bricks.	Cu.m	3,551.28	22,337.69
		Cu.ft	100.56	632.53

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 27

TUBEWELL AND WATER SUPPLY

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
27-1	a) Drilling of bore for tube well including reaming of borehole by <u>Percussion drilling</u> in all types of soil except shingle, gravel and rock from ground Level upto 1200ft depth including sinking and withdrawing casing pipe & disposal of excavated material within 100ft (30m) 9" to 12" inner dia	R.M	1,493.71	6,010.63
		R.ft	455.40	1,832.51
	b) Drilling of bore for tube well including reaming of borehole by <u>Percussion drilling</u> in shingle,gravel and boulder from ground Level upto 1200ft depth including sinking and withdrawing casing pipe & disposal of excavated material within 100ft (30m) 9" to 12" inner dia	R.M	1,769.23	8,348.22
		R.ft	539.40	2,545.19
	c) Drilling of bore for tube well including reaming of borehole by <u>Percussion drilling</u> in Hard Rock from ground Level upto 1200ft depth including sinking and withdrawing casing pipe & disposal of excavated material within 100ft (30m) 9" to 12" inner dia	R.M	2,182.51	11,948.08
		R.ft	665.40	3,642.71
27-2	a) Drilling of bore for tube well including reaming of borehole by <u>Rotary Rig</u> in all types of soil except shingle, gravel and rock from ground Level upto 1400ft depth including sinking and withdrawing casing pipe & disposal of excavated material within 100ft (30m) 10" to 24" inner dia	R.M	1,445.51	6,383.10
		R.ft	440.70	1,946.07
	b) Drilling of bore for tube well including reaming of borehole by <u>Rotary Rig</u> in <u>shingle,gravel and boulder</u> from ground Level upto 1400ft depth including sinking and withdrawing casing pipe & disposal of excavated material within 100ft (30m) 10" to 24" inner dia	R.M	1,390.40	9,476.80
		R.ft	423.90	2,889.27
	c) Drilling of bore for tube well including reaming of borehole by <u>Rotary Rig</u> in Hard Rock with Foam Drilling from ground Level upto 1400ft depth including sinking and withdrawing casing pipe & disposal of excavated material within 100ft (30m) 10" to 12" inner dia	R.M	3,795.29	21,721.68
		R.ft	1157.10	6,622.46
27-3	a) Drilling of bore for tube well including reaming of borehole by <u>Air drilling</u> in shingle,gravel and boulder from ground Level upto 1000ft depth including sinking and withdrawing casing pipe & disposal of excavated material within 100ft (30m) 8" to 12" inner dia	R.M	2,166.77	8,088.36
		R.ft	660.60	2,465.96
	b) Drilling of bore for tube well including reaming of borehole by <u>Air drilling</u> in Hard Rock from ground Level upto 1000ft depth including sinking and withdrawing casing pipe & disposal of excavated material within 100ft (30m) 8" to 12" inner dia	R.M	3,561.10	9,482.69
		R.ft	1085.70	2,891.06
27-4	Drilling of bore for tube well including reaming of borehole by <u>Foam drilling</u> in shingle,gravel and boulder from ground Level upto 1200ft depth including sinking and withdrawing casing pipe & disposal of excavated material within 100ft (30m) 10" to 12" inner dia	R.M	3,116.33	17,106.72
		R.ft	950.10	5,215.46
27-5	Drilling of bore for pilling in all types of soil except shingle, gravel and rock.			
	a) From ground level upto 250 ft. (75 m) below ground level			

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	i) (370 mm to 450 mm) i/d 15"-18" Reaming of Test Hole	R.M	1039.20	8,274.72
		R.ft		2,522.78
	ii) (500 mm to 700 mm) i/d 20"-28" Reaming of Test Hole	R.M	0.00	9,102.19
		R.ft		2,775.06
	b) Exceeding 250 ft (75 m.) depth below ground level	R.M		-
	i) (370 mm to 450 mm) i/d 15"-18" Reaming of Test Hole	R.M	0.00	10,757.13
		R.ft		3,279.61
	ii) (500 mm to 700 mm) i/d 20"-28" Reaming of Test Hole	R.M	0.00	11,832.85
		R.ft		3,607.58
27-6	Drilling for Piling in shingle, gravel			-
	a) From ground level upto 250 ft. (75 m) below ground level			-
	i) (370 mm to 450 mm) i/d	R.M	0.00	12,412.08
		R.ft		3,784.17
	ii) (500 mm to 750 mm) i/d	R.M	0.00	13,653.28
		R.ft		4,162.59
	b) Exceeding 250 ft (75 m.) depth below ground level		0.00	-
	i) (370 mm to 450 mm) i/d	R.M	0.00	16,135.70
		R.ft		4,919.42
	ii) (500 mm to 750 mm) i/d	R.M	0.00	17,749.27
		R.ft		5,411.36
27-7	Drilling of boring/pilling in all types of soil except shingle, gravel and rock.			-
	a) From ground level upto 250 ft. (75 m) below ground level			-
	i) 15" to 18" (375 mm to 450 mm) inner dia	R.M	2608.20	13,563.72
		R.ft		4,135.28
	ii) 20" to 30" (500 mm to 750 mm) inner dia	R.M	0.00	15,337.75
		R.ft		4,676.14
	b) Exceeding 250 ft (75 m.) depth below ground level		-	-
	i) 15" to 18" (375 mm to 450 mm) inner dia	R.M	0.00	18,126.43
		R.ft		5,526.35
	ii) 20" to 30" (500 mm to 750 mm) inner dia	R.M	0.00	19,939.08
		R.ft		6,078.99
27-8	Drilling for boring/Pilling in shingle, gravel			-
	a) From ground level upto 250 ft. (75 m) below ground level			-
	i) 15" to 18" (375 mm to 450 mm) inner dia	R.M	0.00	20,915.11
		R.ft		6,376.56
	ii) 20" to 30" (500 mm to 750 mm) inner dia	R.M	0.00	23,006.63
		R.ft		7,014.22
	b) Exceeding 250 ft (75 m.) depth below ground level		0.00	-
	i) 15" to 18" (375 mm to 450 mm) inner dia	R.M	0.00	27,189.65
		R.ft		8,289.53

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
ii)	20" to 30" (500 mm to 750 mm) inner dia	R.M	0.00	29,908.61
		R.ft		9,118.48
27-9	Providing box 48"x 30"x 9" (1.2m x 0.75m x 0.23m) of deodar wood planks with compartment 4" x 4" (100mm x 100mm) including locking arrangement for preserving strata samples from borehole and painted with two coats of paint. The top and bottom of the box to be of 1/2" (12mm) planks, sides and compartments to be of 1/4" (6mm) planks.		2347.92	83,559.38
27-10	Resistivity survey, Logging of bore hole and furnishing sample of water,			
a)	Furnishing sample of water from bore hole.	Job	360.00	13,720.80
b)	Electrical Resistivity survey from approved hydrogeologist upto 3 trails complete in all respect.	Job	5400.00	57,720.00
c)	Logging of bore from Certified Geologist including the design of Bore and strata chart with water sample test report complete in all respect.	Job	3888.00	37,488.00
27-11	Providing and installing MS strainer in tubewell bore hole including specials, sockets and studs of the nominal inner diameter.		-	-
a)	2" (50 mm) dia. and (3 mm) wall thickness	R.M	248.64	3,248.66
		R.ft		990.45
b)	3" (75 mm) dia. and (3 mm) wall thickness	R.M	248.64	3,711.34
		R.ft		1,131.50
c)	4" (100 mm) dia. And (3 mm) wall thickness	R.M	248.64	4,172.78
		R.ft		1,272.19
d)	5" (125 mm) dia. and (3 mm) wall thickness	R.M	248.64	4,724.81
		R.ft		1,440.49
e)	6" (150 mm) dia. and 3 mm) wall thickness	R.M	248.64	5,744.40
		R.ft		1,751.34
f)	7" (175 mm) dia and (3 mm) thick	R.M	248.64	6,483.70
		R.ft		1,976.74
g-1)	8" (200 mm) dia and (3 mm) thick	R.M	248.64	8,096.93
		R.ft		2,468.58
g-2)	8" (200 mm) dia and (3.5 mm) thick	R.M	248.64	9,274.42
		R.ft		2,827.57
h)	9" (225 mm) dia and 3/16" (3 mm) thick	R.M	248.64	8,651.40
		R.ft		2,637.62
i-1)	10" (250 mm) dia. and 3 mm wall thick	R.M	248.64	9,886.42
		R.ft		3,014.15
i-2)	10" (250 mm) dia. and 3.5 mm wall thick	R.M	248.64	10,843.58
		R.ft		3,305.97
i-3)	10" (250 mm) dia. and 4 mm wall thick	R.M	248.64	12,437.23
		R.ft		3,791.84
i-4)	10" (250 mm) dia. and 4.5 mm wall thick	R.M	248.64	14,052.91

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		4,284.42
j-1)	12" (300 mm) dia and 4 mm wall thick	R.M	248.64	17,354.36
		R.ft		5,290.96
j-2)	12" (300 mm) dia and 4.5 mm wall thick	R.M	248.64	19,108.79
		R.ft		5,825.85
j-3)	12" (300 mm) dia and 5 mm wall thick	R.M	248.64	21,301.83
		R.ft		6,494.46
j-4)	12" (300 mm) dia and 1/4" (6 mm) thick	R.M	248.64	25,687.91
		R.ft		7,831.68
k)	15" (375 mm) dia and 1/4" (6 mm) thick	R.M	248.64	14,324.64
		R.ft		4,367.27
l)	18" (450 mm) dia and 1/4" (6 mm) thick	R.M	248.64	19,955.04
		R.ft		6,083.85
m)	20" (500 mm) dia and 1/4" (6 mm) thick	R.M	248.64	23,896.32
		R.ft		7,285.46
n)	22" (550 mm) dia and 1/4" (6 mm) thick	R.M	248.64	27,696.84
		R.ft		8,444.16
27-12	Providing and installing M.S. bail plug in tubewell bore hole 1.5 ft. (50cm) long and of the nominal inner diameter.			-
a)	2" (50 mm) inner dia.	Each	454.08	1,678.08
b)	3" (75 mm) dia.	Each	454.08	2,045.28
c)	4" (100 mm) dia	Each	454.08	2,290.08
d)	5" (125 mm) dia	Each	454.08	2,730.72
e)	6" (150 mm) dia	Each	454.08	3,172.58
f)	7" (175 mm) dia	Each	454.08	3,660.96
g)	8" (200 mm) dia	Each	454.08	4,126.08
h)	9" (225 mm) dia.	Each	454.08	4,799.28
i)	10" (250 mm) dia	Each	454.08	5,350.08
j)	12" (300 mm) dia	Each	454.08	6,329.28
27-13	Providing and installing fibre glass strainer in tubewell bore hole including sockets and solvents.			-
a)	8" (200 mm) dia. and 0.2" (5 mm) wall thickness	R.M	282.00	9,265.80
		R.ft		2,824.94
b)	10" (250 mm) dia. and 0.2" to 0.22" (5 mm to 5.5 mm) wall thickness	R.M	282.00	10,567.80
		R.ft		3,221.89
27-14	Providing and installing fibre glass bail/end plug in tubewell bore.			-
a)	8" (200 mm) i/d	Each	282.00	9,008.40
b)	10" (250 mm) inner dia.	Each	282.00	9,856.80
27-15	Providing and installing fibre glass blind pipe in tubewell bore hole including coupling and jointing with strainer.			-
a)	8" (200 mm) dia. and 3/16" (5 mm) wall thickness	R.M	282.00	6,922.20

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		2,110.43
	b) 10" (250 mm) dia. with 3/16" (5 mm) wall thickness	R.M	282.00	7,963.80
		R.ft		2,427.99
	c) 14" (350 mm) dia. and 3/16" to 1/4" (5 mm to 6 mm) wall thickness	R.M	282.00	9,135.60
		R.ft		2,785.24
27-16	Providing and Installing uPVC Strainer pipe IIL, Prince, Dadex or equivalent make registered with PSQCA for tube well bore hole.			-
	a) Class B			-
	i) 3" (75 mm) dia	R.M	0.00	214.40
		R.ft		65.37
	ii) 4" (100 mm) dia	R.M	0.00	305.20
		R.ft		93.05
	iii) 5" (125 mm) dia	R.M	0.00	506.80
		R.ft		154.51
	iv) 6" (150 mm) dia	R.M	0.00	619.20
		R.ft		188.78
	v) 8" (200 mm) dia	R.M	0.00	995.20
		R.ft		303.41
	vi) 10" (250 mm) dia	R.M	0.00	1,542.80
		R.ft		470.37
	vii) 12" (300 mm) dia	R.M	0.00	2,300.40
		R.ft		701.34
	viii) 14" (350 mm) dia	R.M	0.00	2,768.40
		R.ft		844.02
	b) Class C:		0.00	-
	i) 3" (75 mm) dia	R.M	0.00	1,640.16
		R.ft		500.05
	ii) 8" (200 mm) dia	R.M	0.00	2,675.46
		R.ft		815.69
	iii) 10" (250 mm) dia	R.M	0.00	4,038.18
		R.ft		1,231.15
	iv) 12" (300 mm) dia	R.M	0.00	5,837.46
		R.ft		1,779.71
	v) 8" (200 mm) dia	R.M	0.00	8,963.76
		R.ft		2,732.85
	vi) 10" (250 mm) dia	R.M	0.00	15,233.70
		R.ft		4,644.42
	vii) 12" (300 mm) dia	R.M	0.00	21,435.30
		R.ft		6,535.15
	C) Class D		0.00	-

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
i)	1.25" (30 mm) inner dia.	R.M	0.00	132.00
		R.ft		40.24
ii)	1.5" (40 mm) inner dia.	R.M	0.00	142.80
		R.ft		43.54
iii)	2" (50 mm) dia	R.M	0.00	209.20
		R.ft		63.78
iv)	3" (75 mm) dia	R.M	0.00	346.80
		R.ft		105.73
v)	3" (75 mm) dia	R.M	0.00	528.00
		R.ft		160.98
vi)	5" (125 mm) dia	R.M	0.00	766.80
		R.ft		233.78
vii)	6" (150 mm) dia	R.M	0.00	1,323.60
		R.ft		403.54
viii)	8" (200 mm) dia	R.M	0.00	11,671.86
		R.ft		3,558.49
ix)	10" (250 mm) dia	R.M	0.00	19,858.89
		R.ft		6,054.54
x)	12" (300 mm) dia	R.M	0.00	27,691.47
		R.ft		8,442.52
d) Class E:			-	-
i)	1.25" (30 mm) inner dia.	R.M	0.00	584.97
		R.ft		178.34
ii)	1.5" (40 mm) inner dia.	R.M	0.00	751.23
		R.ft		229.03
iii)	2" (50 mm) dia	R.M	0.00	1,195.44
		R.ft		364.46
iv)	3" (75 mm) dia	R.M	0.00	2,636.19
		R.ft		803.72
v)	4" (100 mm) dia	R.M	0.00	4,247.28
		R.ft		1,294.90
vi)	5" (125 mm) dia	R.M	0.00	3,372.12
		R.ft		1,028.09
vii)	6" (150 mm) dia	R.M	0.00	9,185.61
		R.ft		2,800.49
viii)	8" (200 mm) dia	R.M	0.00	14,154.03
		R.ft		4,315.25
ix)	10" (250 mm) dia	R.M	0.00	24,068.43
		R.ft		7,337.94
x)	12" (300 mm) dia	R.M	0.00	33,129.09

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		10,100.33
27-17	Providing and installing uPVC elbow of approved make registered with PSQCA.			-
	a) Class B			-
	i) 3" (75 mm) dia	Each	90.00	340.92
	ii) 4" (100 mm) dia	Each	90.00	427.82
	iii) 5" (125 mm) dia	Each	90.00	831.74
	iv) 6" (150 mm) dia	Each	120.00	1,108.99
	v) 8" (200 mm) dia	Each	120.00	7,166.57
	vi) 10" (250 mm) dia	Each	120.00	9,699.02
	vii) 12" (300 mm) dia	Each	180.00	11,978.14
	viii) 14" (350 mm) dia	Each	180.00	18,559.58
	b) Class D		0.00	-
	i) 1.25" (30 mm) dia	Each	60.00	173.83
	ii) 1.5" (40 mm) dia	Each	60.00	200.76
	iii) 2" (50 mm) dia	Each	60.00	255.84
	iv) 3" (75 mm) dia	Each	90.00	518.40
	v) 4" (100 mm) dia	Each	90.00	632.23
	vi) 5" (125 mm) dia	Each	90.00	588.17
	vii) 6" (150 mm) dia	Each	90.00	930.89
27-18	Providing and installing M.S. blind pipe socketed seamless welded joint or hand welded joint, M.S. reducer where necessary in tubewell bore hole including jointing and welding with strainer of the nominal inner diameter.			-
	a) 2" (50 mm) dia. and (3 mm) wall thickness	R.M	508.56	3,143.71
		R.ft		958.45
	b) 3" (75 mm) dia. and (3 mm) wall thickness	R.M	508.56	3,519.60
		R.ft		1,073.05
	c) 4" (100 mm) dia. and (3 mm) wall thickness	R.M	632.88	4,045.39
		R.ft		1,233.35
	d) 5" (125 mm) dia. and (3 mm) wall thickness	R.M	632.88	4,525.20
		R.ft		1,379.63
	e) 6" (150 mm) dia. and (3 mm) wall thickness	R.M	632.88	5,412.60
		R.ft		1,650.18
	f) 8" (200 mm) dia. And (3 mm) wall thickness	R.M	684.00	7,509.02
		R.ft		2,289.34
	g) 8" (200 mm) dia. And (3.5 mm) wall thickness	R.M	684.00	9,227.32
		R.ft		2,813.21
h-a)	a) 10" (250 mm) dia. and (3 mm) wall thickness	R.M	807.60	10,020.65
		R.ft		3,055.08
h-b)	b) 10" (250 mm) dia. and (3.5 mm) wall thickness	R.M	807.60	11,406.22
		R.ft		3,477.50

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
i-a)	a) 10" (250 mm) dia. and (4 mm) wall thickness	R.M	807.60	12,811.37
		R.ft		3,905.90
i-b)	b) 10" (250 mm) dia. and (4.5 mm) wall thickness	R.M	807.60	13,200.60
		R.ft		4,024.57
j)	12" (300 mm) dia. And (4.5 mm) wall thickness	R.M	900.00	15,252.62
		R.ft		4,650.19
k)	15" (375 mm) dia. and 1/4" (6 mm) wall thickness	R.M	900.00	22,932.00
		R.ft		6,991.46
l)	18" (450 mm) dia. and 1/4" (6 mm) wall thickness	R.M	900.00	27,828.00
		R.ft		8,484.15
m)	20" (500 mm) dia. and 1/4" (6 mm) wall thickness	R.M	1551.60	22,114.80
		R.ft		6,742.32
n)	22" (550 mm) dia. and 1/4" (6 mm) wall thickness	R.M	1551.60	25,419.60
		R.ft		7,749.88
27-19_	Providing and Installing uPVC Blind pipe IIL, Prince, Dadex or equivalent make registered with PSQCA in tube well bore hole.			-
	a) Class B			-
i)	3" (75 mm) dia	R.M	58.80	1,346.64
		R.ft		410.56
ii)	4" (100 mm) dia	R.M	58.80	2,004.72
		R.ft		611.20
iii)	5" (125 mm) dia	R.M	88.20	2,787.72
		R.ft		849.91
iv)	6" (150 mm) dia	R.M	88.20	3,897.00
		R.ft		1,188.11
v)	8" (200 mm) dia	R.M	88.20	5,882.76
		R.ft		1,793.52
vi)	10" (250 mm) dia	R.M	117.60	9,992.64
		R.ft		3,046.54
vii)	12" (300 mm) dia	R.M	117.60	13,891.68
		R.ft		4,235.27
viii)	14" (350 mm) dia	R.M	117.60	16,461.12
		R.ft		5,018.63
	b) Class C		-	-
i)	3" (75 mm) dia	R.M	58.80	1,862.40
		R.ft		567.80
ii)	4" (100 mm) dia	R.M	58.80	2,677.20
		R.ft		816.22
iii)	5" (125 mm) dia	R.M	88.20	4,374.60
		R.ft		1,333.72

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
iv)	6" (150 mm) dia	R.M	88.20	6,321.00
		R.ft		1,927.13
v)	8" (200 mm) dia	R.M	88.20	9,483.00
		R.ft		2,891.16
vi)	10" (250 mm) dia	R.M	117.60	16,814.40
		R.ft		5,126.34
vii)	12" (300 mm) dia	R.M	117.60	24,345.60
		R.ft		7,422.44
viii)	14" (350 mm) dia	R.M	117.60	28,425.60
		R.ft		8,666.34
c) Class D			-	-
i)	1.25" (30 mm) dia	R.M	29.40	485.40
		R.ft		147.99
ii)	1.5" (40 mm) dia	R.M	29.40	621.72
		R.ft		189.55
iii)	2" (50 mm) dia	R.M	58.80	970.80
		R.ft		295.98
iv)	3" (75 mm) dia	R.M	58.80	2,058.48
		R.ft		627.59
v)	4" (100 mm) dia	R.M	58.80	3,400.08
		R.ft		1,036.61
vi)	5" (125 mm) dia	R.M	88.20	5,061.96
		R.ft		1,543.28
vii)	6" (150 mm) dia	R.M	88.20	7,319.88
		R.ft		2,231.67
viii)	8" (200 mm) dia	R.M	88.20	11,073.48
		R.ft		3,376.06
ix)	10" (250 mm) dia	R.M	117.60	18,808.32
		R.ft		5,734.24
x)	12" (300 mm) dia	R.M	117.60	26,180.16
		R.ft		7,981.76
xi)	14" (350 mm) dia	R.M	117.60	32,434.08
		R.ft		9,888.44
d) Class E			0.00	-
i)	1.25" (30 mm) dia	R.M	29.40	759.44
		R.ft		231.54
ii)	1.5" (40 mm) dia	R.M	29.40	966.94
		R.ft		294.80
iii)	2" (50 mm) dia	R.M	58.80	1,750.25
		R.ft		533.61

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
iv)	3" (75 mm) dia	R.M	58.80	2,800.44
		R.ft		853.79
v)	4" (100 mm) dia	R.M	58.80	4,332.76
		R.ft		1,320.96
vi)	5" (125 mm) dia	R.M	88.20	6,776.01
		R.ft		2,065.86
vii)	6" (150 mm) dia	R.M	88.20	12,743.01
		R.ft		3,885.07
viii)	8" (200 mm) dia	R.M	88.20	19,858.86
		R.ft		6,054.53
ix)	10" (250 mm) dia	R.M	117.60	34,487.52
		R.ft		10,514.49
x)	12" (300 mm) dia	R.M	117.60	47,899.74
		R.ft		14,603.58
xi)	14" (350 mm) dia	R.M	117.60	58,667.40
		R.ft		17,886.40
27-20	Testing and development of tubewell of size 6" (150 mm) inner dia. and above continuously			-
a)	Upto 1.5 cusecs (0.0425 cumec) discharge	Job		132,044.97
b)	Above 1.5 cusecs (0.0425 cumec) capacity	Job		165,056.21
c)	Cleaning of Bore hole /D&T through Compressor minum 360 psi OR 25 Bars Capicity.	Hr	420.00	15,060.00
d)	Drawdown/yeild test through Submersaible Pump including the cost of metirial and Labour Charges.	Hr	420.00	14,220.00
27-21	Shrouding with graded pea gravel 3/8" to 1/8" (10 mm to 3mm) around tubewell bore hole.	Cu.m	2058.00	7,458.00
		Cu.f		211.19
27-22	Providing, laying, cutting, jointing, testing and disinfecting C.I. pipe line in trenches with spigot and socket, chaulked lead or comet joints or flanged joints or tyton joints including cost of materials such as lead, comet and yarn. (Cost of specials and their installation not included).			
i)	3" (75 mm) dia	R.M	120.00	5,096.78
		R.ft		1,553.90
ii)	4" (100 mm) dia	R.M	120.00	6,404.02
		R.ft		1,952.44
iii)	6" (150 mm) dia	R.M	180.00	9,254.74
		R.ft		2,821.57
iv)	9" (225 mm) dia	R.M	300.00	16,280.54
		R.ft		4,963.58

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
27-23	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipe line IIL or equivalent of approved make registered with PSQCA including the cost of specials and cost of painting 2 coats with bitumen to pipes and specials after cleaning and wrapping tightly hessian cloth soaked in Mexphalt composition around pipes			-
	a) Light duty			-
	i) 1/2" (15 mm) inner dia.	R.M	172.80	964.32
		R.ft		294.00
	ii) 3/4" (20 mm) inner dia.	R.M	172.80	1,580.40
		R.ft		481.83
	iii) 1" (25 mm) inner dia.	R.M	194.88	2,336.88
		R.ft		712.46
	iv) 1.25" (30 mm) dia	R.M	194.88	2,973.36
		R.ft		906.51
	v) 1.5" (40 mm) dia	R.M	218.40	3,400.80
		R.ft		1,036.83
	vi) 2" (50 mm) dia	R.M	218.40	4,706.40
		R.ft		1,434.88
	vii) 2.5" (65 mm) inner dia.	R.M	270.00	5,961.60
		R.ft		1,817.56
	viii) 3" (75 mm) dia inner dia.	R.M	270.00	7,695.60
		R.ft		2,346.22
	ix) 4" (100 mm) dia	R.M	300.00	11,071.20
		R.ft		3,375.37
	b) Medium duty			-
	i) 1/2" (15 mm) dia	R.M	172.80	1,264.20
		R.ft		385.43
	ii) 3/4" (20 mm) dia	R.M	172.80	1,743.60
		R.ft		531.59
	iii) 1" (25 mm) dia	R.M	194.88	2,438.88
		R.ft		743.56
	iv) 1.25" (30 mm) dia	R.M	194.88	3,105.96
		R.ft		946.94
	v) 1.5" (40 mm) dia	R.M	218.40	3,931.20
		R.ft		1,198.54
	vi) 2" (50 mm) dia	R.M	218.40	4,902.24
		R.ft		1,494.59
	vii) 2.5" (65 mm) dia	R.M	270.00	6,761.28
		R.ft		2,061.37
	viii) 3" (75 mm) dia	R.M	270.00	7,899.60
		R.ft		2,408.41
	ix) 4" (100 mm) dia	R.M	300.00	11,205.84

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		3,416.41
x)	5" (125 mm) dia	R.M	368.40	14,995.20
		R.ft		4,571.71
xi)	6" (150 mm) dia	R.M	368.40	17,606.40
		R.ft		5,367.80
27-24	Replacing burst/damaged G.I. pipe line with all excavation, cutting, providing new G.I. medium duty pipe, union, tees, bends, sockets, including threading etc. and painting with 2 coats of bitumen to pipes and specials after cleaning and wrapping tightly hessian cloth soaked in Maxphalt composition around pipes including cost of testing and disinfecting (cost of pipes and all accessories included)		0.00	-
i)	1/2" (15 mm) dia	R.M	600.00	1,691.40
		R.ft		515.67
ii)	3/4" (20 mm) dia	R.M	600.00	2,170.80
		R.ft		661.83
iii)	1" (25 mm) dia	R.M	600.00	2,844.00
		R.ft		867.07
iv)	1.25" (30 mm) dia	R.M	600.00	3,511.08
		R.ft		1,070.45
v)	1.5" (40 mm) dia	R.M	600.00	4,312.80
		R.ft		1,314.88
vi)	2" (50 mm) dia	R.M	600.00	5,283.84
		R.ft		1,610.93
vii)	2.5" (65 mm) dia	R.M	600.00	7,091.28
		R.ft		2,161.98
vii)	3" (75 mm) dia	R.M	600.00	8,229.60
		R.ft		2,509.02
ix)	4" (100 mm) dia	R.M	600.00	11,505.84
		R.ft		3,507.88
x)	5" (125 mm) dia	R.M	600.00	15,226.80
		R.ft		4,642.32
xi)	6" (150 mm) dia	R.M	600.00	17,838.00
		R.ft		5,438.41
27-25	Providing, laying, cutting, jointing, testing and disinfecting cement concrete pipe line in trenches including comet joint and rubber ring.		-	-
a)	Class B working pressure		-	-
i)	3" (75 mm) dia	R.M	294.00	1,212.00
		R.ft		369.51
ii)	4" (100 mm) dia	R.M	294.00	1,518.00
		R.ft		462.80
iii)	6" (150 mm) dia	R.M	441.00	2,381.04

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		725.93
iv)	8" (200 mm) dia	R.M	441.00	3,641.76
		R.ft		1,110.29
v)	10" (250 mm) dia	R.M	735.00	5,325.00
		R.ft		1,623.48
vi)	12" (300 mm) dia	R.M	735.00	6,512.28
		R.ft		1,985.45
vii)	14" (350 mm) inner dia.	R.M	1029.00	8,434.20
		R.ft		2,571.40
vii)	16" (400 mm) inner dia	R.M	1029.00	10,453.80
		R.ft		3,187.13
ix)	18" (450 mm) dia	R.M	1323.00	12,951.00
		R.ft		3,948.48
x)	20" (500 mm) inner dia.	R.M	1323.00	15,399.00
		R.ft		4,694.82
xi)	24" (600 mm) inner dia.	R.M	1470.00	21,788.40
		R.ft		6,642.80
b)	Class C working pressure		-	-
i)	3" (75 mm) dia	R.M	294.00	1,169.16
		R.ft		356.45
ii)	4" (100 mm) dia	R.M	294.00	1,542.48
		R.ft		470.27
iii)	6" (150 mm) dia	R.M	441.00	2,680.92
		R.ft		817.35
iv)	8" (200 mm) dia	R.M	441.00	3,929.40
		R.ft		1,197.99
v)	10" (250 mm) dia	R.M	735.00	5,692.20
		R.ft		1,735.43
vi)	12" (300 mm) dia	R.M	735.00	7,589.40
		R.ft		2,313.84
vii)	14" (350 mm) dia	R.M	1029.00	11,555.40
		R.ft		3,522.99
vii)	16" (400 mm) dia	R.M	1029.00	14,248.20
		R.ft		4,343.96
ix)	18" (450 mm) dia	R.M	1323.00	17,724.60
		R.ft		5,403.84
x)	20" (500 mm) dia	R.M	1323.00	20,907.00
		R.ft		6,374.09
xi)	24" (600 mm) inner dia.	R.M	1470.00	29,010.00
		R.ft		8,844.51

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
c)	Class D working pressure		0.00	-
i)	3" (75 mm) dia	R.M	294.00	1,150.80
		R.ft		350.85
ii)	4" (100 mm) dia	R.M	294.00	1,811.76
		R.ft		552.37
iii)	6" (150 mm) dia	R.M	441.00	3,195.00
		R.ft		974.09
iv)	8" (200 mm) dia	R.M	441.00	5,398.20
		R.ft		1,645.79
v)	10" (250 mm) dia	R.M	735.00	7,956.60
		R.ft		2,425.79
vi)	12" (300 mm) dia	R.M	735.00	11,139.00
		R.ft		3,396.04
vii)	14" (350 mm) dia	R.M	1029.00	17,002.20
		R.ft		5,183.60
vii)	16" (400 mm) dia	R.M	1029.00	21,225.00
		R.ft		6,471.04
ix)	18" (450 mm) dia	R.M	1323.00	25,803.00
		R.ft		7,866.77
x)	20" (500 mm) dia	R.M	1323.00	31,188.60
		R.ft		9,508.72
27-26	Providing, laying, cutting, jointing, testing and disinfecting Ductile iron pipe line in trenches including all fittings and accessories including protective coating.		0.00	-
i)	4" (100 mm) dia	R.M	1029.00	2,874.90
		R.ft		876.49
ii)	6" (150 mm) dia	R.M	1029.00	4,229.40
		R.ft		1,289.45
iii)	8" (200 mm) dia	R.M	1323.00	4,977.00
		R.ft		1,517.38
iv)	10" (250 mm) dia	R.M	1323.00	5,934.60
		R.ft		1,809.33
v)	12" (300 mm) dia	R.M	1911.00	8,337.00
		R.ft		2,541.77
vi)	16" (400 mm) dia	R.M	1911.00	10,227.00
		R.ft		3,117.99
vii)	18" (450 mm) dia	R.M	2940.00	12,138.00
		R.ft		3,700.61
vii)	20" (500 mm) dia	R.M	2940.00	13,007.40
		R.ft		3,965.67
ix)	24" (600 mm) dia	R.M	3528.00	15,636.60

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		4,767.26
27-27	Providing and fixing C.I. specials of class-B such as bends, tees, cross, collars, reducers, tail pieces, flanged spigot, caps, flanged sockets, tapers, angle, branch and plugs including turning threading, facing and fitting for C.I. pipe line.		0.00	-
	a) Cast iron S.S. specials with spigot and socket joint		0.00	-
	i) 3" to 6" (75 mm to 150 mm) inner dia.	Kg.	120.00	385.32
	ii) 8" to 12" (200 mm to 300 mm) inner dia.	Kg.	90.00	355.32
	iii) 15" to 18" (375 mm to 450 mm) inner dia.	Kg.	60.00	325.32
	b) Cast iron S.S. flanged specials with flanged joints		0.00	-
	i) 3" to 6" (75 mm to 150 mm) dia.	Kg.	60.00	325.32
	ii) 8" to 12" (200 mm to 300 mm) dia.	Kg.	46.32	311.64
	iii) 15" to 18" (375 mm to 450 mm) dia.	Kg.	30.00	295.32
	c) Cast iron S.S. specials with tyton joints		0.00	-
	i) 3" to 6" (75 mm to 150 mm) dia.	Kg.	30.00	343.56
	ii) 8" to 12" (200 mm to 300 mm) dia.	Kg.	30.00	391.80
	iii) 15" to 18" (375 mm to 450 mm) dia.	Kg.	30.00	464.16
27-28	Providing and fixing C.I. special of BSS, Class-B such as bends, tees, cross, collar, reducers, tail pieces, flanged sockets, flanged spigots, caps, tapers, angle branch and plugs for asbestos cement pipe line with comet joint and rubber ring.		0.00	-
	a) 3" to 6" (75 mm to 150 mm) dia.	Kg.	150.00	415.32
	b) 8" to 18" (200 mm to 450 mm) inner dia.	Kg.	106.32	371.64
	c) 20" to 24" (500 mm to 600 mm) inner dia.	Kg.	76.32	341.64
27-29	Providing and fixing C.I. sluice valve of BSS quality and weight, Class B, for C.I, HDPE, uPVC and A.C pipe line including cost of Jointing material.		0.00	-
	a) 2" (50 mm) inner dia.	Each	234.00	6,966.00
	b) 3" (75 mm) inner dia.	Each	400.80	11,526.96
	c) 4" (100 mm) inner dia.	Each	234.00	23,412.89
	d) 6" (150 mm) inner dia.	Each	518.40	30,188.16
	e) 9" (225 mm) inner dia.	Each	518.40	36,323.30
	f) 12" (300 mm) inner dia	Each	750.00	55,290.00
	g) 15" (375 mm) inner dia	Each	750.00	67,410.00
	h) 18" (450 mm) inner dia	Each	900.00	122,100.00
	i) 21" (525 mm) inner dia.	Each	900.00	140,280.00
	j) 24" (600 mm) inner dia	Each	1050.00	188,910.00
	k) 27" (675 mm) inner dia.	Each	1050.00	243,450.00
	l) 30" (750 mm) inner dia.	Each	1200.00	316,320.00
27-30a	Providing and fixing of Raber Sluice Value/ Resilient Raber Gate Valve GGG-50 , DI+EPDM Disc, SS/Iron Stem with DI Hand Wheel have Working Pressure up to PN-16 & Max Temprature 120 C, Valve Tech Pak made used for Water/Severage/Oil/Gas Stem. Complete in all resnert.		-	-

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	i) 2" (50 mm) dia	Each	234.00	22,914.00
	ii) 2.5" (63 mm) dia	Each	234.00	27,450.00
	iii) 3" (75 mm) dia	Each	400.80	28,750.80
	iv) 4" (100 mm) dia	Each	400.80	34,420.80
	v) 6" (150 mm) dia	Each	518.40	48,398.40
	vi) 8" (200 mm) dia	Each	518.40	83,678.40
	vii) 10" (250 mm) dia	Each	750.00	145,650.00
	viii) 12" (300 mm) dia	Each	750.00	187,230.00
	ix) 14" (350 mm) dia	Each	900.00	234,000.00
	x) 16" (400 mm) dia	Each	900.00	293,850.00
	xi) 18" (400 mm) dia	Each	1050.00	366,450.00
	xii) 20" (500 mm) dia	Each	1050.00	593,250.00
	xiii) 24" (600 mm) dia	Each	1200.00	732,000.00
27-30b	Supply and Installatio of Ductile iron Sluice Value / Gate Valve with DI Hand Wheel have Working Pressure up to PN-16 & Max Temprature 120 C, used for Water/Severage/Oil/Gas Stem. Complete in all respect.		-	-
	i) Ductile iron Gate/ Sluice Value 3" dia	Each	400.80	17,410.80
	ii) Ductile iron Gate/ Sluice Value 4" dia	Each	400.80	21,820.80
	iii) Ductile iron Gate/ Sluice Value 6" dia	Each	518.40	39,578.40
	iv) Ductile iron Gate/ Sluice Value 8" dia	Each	518.40	62,258.40
	v) Ductile iron Gate/ Sluice Value 10" dia	Each	750.00	78,870.00
	vi) Ductile iron Gate/ Sluice Value 12" dia	Each	750.00	96,510.00
	vii) Ductile iron Gate/ Sluice Value 14" dia	Each	900.00	152,100.00
	viii) Ductile iron Gate/ Sluice Value 16" dia	Each	900.00	177,300.00
	ix) Ductile iron Gate/ Sluice Value 18" dia	Each	1050.00	240,450.00
	x) Ductile iron Gate/ Sluice Value 20" dia	Each	1050.00	328,650.00
	xi) Ductile iron Gate/ Sluice Value 24" dia	Each	1200.00	536,700.00
27-31	Providing and fixing fire hydrants standard pattern 3" (75mm) dia. inlet and 2.5" (65mm) dia screw outlet. BSS quality and weight, cost of Jointing material is included.	Each	708.00	5,404.80
27-32-1	Providing and fixing air valve 2.5" (65 mm) inner dia.of BSS quality and weight, cost of Jointing material is included.		0.00	-
	a) Single	Each	768.00	7,195.20
	b) Double	Each	1500.00	14,687.62
27-32-2	Providing and fixing of air value working pressure up PN-16 best quality and weight,Valve Tech Pak made, including cost of Jointing material complete in all respect.		0.00	-
	i) Single 3" inner dia	Each	768.00	27,119.52
	ii) Single 4" inner dia	Each	768.00	43,335.84
	iii) Double 3" inner dia	Each	1500.00	36,294.24
	iv) Double 4" inner dia	Each	1500.00	54,714.72

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
27-33	Cutting C.I. pipe and welding spigot or socket flanged or tyton end including finishing ends of pipe.		0.00	-
a)	3" to 6" (75 mm to 150 mm) dia.	Each	334.20	334.20
b)	8" to 12" (200 mm to 300 mm) dia.	Each	367.62	367.62
c)	15" to 18" (375 mm to 450 mm) dia.	Each	404.38	404.38
27-34	Providing and installing uPVC bends of approved make registered with PSQCA.		0.00	-
a)	Class B		0.00	-
i)	3" (75 mm) dia	Each	226.80	1,004.22
ii)	4" (100 mm) dia	Each	226.80	2,145.78
iii)	5" (125 mm) dia	Each	458.64	2,614.50
iv)	6" (150 mm) dia	Each	458.64	2,729.16
v)	8" (200 mm) dia	Each	562.80	3,187.38
b)	Class D		0.00	-
i)	1.25" (30 mm) dia	Each	151.20	224.28
ii)	1.5" (40 mm) dia	Each	168.00	258.72
iii)	2" (50 mm) dia	Each	193.20	300.30
iv)	3" (75 mm) dia	Each	193.20	407.40
v)	4" (100 mm) dia	Each	294.00	699.72
vi)	5" (125 mm) dia	Each	294.00	1,077.72
vii)	6" (150 mm) dia	Each	409.92	1,585.50
27-35	Providing and installing PVC tees of of approved make registered with PSQCA		0.00	-
a)	Class B	Each	0.00	-
i)	3" (75 mm) dia	Each	420.00	789.60
ii)	4" (100 mm) dia	Each	420.00	1,057.56
iii)	5" (125 mm) dia	Each	554.40	1,562.88
iv)	6" (150 mm) dia	Each	554.40	2,263.80
v)	8" (200 mm) dia	Each	613.20	3,121.20
vi)	10" (250 mm) dia	Each	613.20	5,144.76
vii)	12" (300 mm) dia	Each	791.28	7,236.84
viii)	14" (350 mm) dia	Each	791.28	11,188.92
b)	Class D		0.00	-
i)	1.25" (30 mm) dia	Each	263.76	373.32
ii)	1.5" (40 mm) dia	Each	263.76	456.48
iii)	2" (50 mm) dia	Each	294.00	645.12
iv)	3" (75 mm) dia	Each	294.00	981.72
v)	4" (100 mm) dia	Each	469.56	1,343.40
vi)	5" (125 mm) dia	Each	469.56	1,421.28
vii)	6" (150 mm) dia	Each	619.92	1,673.28
27-36	Providing and installing uPVC bail or end plug of of approved make registered with PSQCA.		0.00	-

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	a) Class B	Each	0.00	-
	i) 3" (75 mm) dia	Each	420.00	487.32
	ii) 4" (100 mm) dia	Each	420.00	522.96
	iii) 5" (125 mm) dia	Each	554.40	723.36
	iv) 6" (150 mm) dia	Each	554.40	834.24
	v) 8" (200 mm) dia	Each	619.92	1,220.52
	vi) 10" (250 mm) dia	Each	619.92	1,377.60
	vii) 12" (300 mm) dia	Each	791.28	1,822.20
	viii) 14" (350 mm) dia	Each	791.28	1,839.36
	b) Class D		0.00	-
	i) 1.25" (30 mm) dia	Each	289.80	341.28
	ii) 1.25" (40 mm) dia	Each	289.80	378.24
	iii) 2" (50 mm) dia	Each	337.68	435.36
	iv) 3" (80 mm) dia	Each	337.68	478.92
	v) 4" (100 mm) dia	Each	470.40	647.28
	vi) 5" (125 mm) dia	Each	470.40	719.88
	vii) 6" (150 mm) dia	Each	576.24	881.16
27-37	Providing and installing PVC tapered core of of approved make registered with PSQCA.		0.00	-
	a) Class B		0.00	
	i) 3" (75 mm) dia	Each	178.08	227.58
	ii) 4" (100 mm) dia	Each	178.08	266.58
	iii) 5" (125 mm) dia	Each	210.00	319.50
	iv) 6" (150 mm) dia	Each	210.00	391.50
	v) 8" (200 mm) dia	Each	267.96	510.96
	b) Class D		0.00	-
	i) 1.25" (30 mm) dia	Each	159.60	198.60
	ii) 1.5" (40 mm) dia	Each	159.60	213.60
	iii) 2" (50 mm) dia	Each	210.00	286.50
27-38	Providing and installing PVC conduit of Class B or D of of approved make registered with PSQCA		0.00	-
	a) 1.25" (30 mm) dia	Each	151.20	431.70
	b) 1.5" (40 mm) dia	Each	151.20	554.70
	c) 2" (50 mm) dia	Each	210.00	742.50
	d) 3" (75 mm) dia	Each	210.00	1,105.50
	e) 4" (100 mm) dia	Each	243.26	1,410.26
27-39	Providing and installing PVC V socket of Class B or D of of approved make registered with PSQCA.		0.00	-
	a) 1.25" (30 mm) dia	Each	174.72	245.22
	b) 1.5" (40 mm) dia	Each	174.72	279.72
	c) 2" (50 mm) dia	Each	210.00	400.50
	d) 3" (75 mm) dia	Each	210.00	490.50

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
27-40	e) 4" (100 mm) dia	Each	262.92	639.42
	Providing and installing PVC crosser of of approved make registered with PSQCA.		-	-
	a) Class B		-	-
	i) 3" (75 mm) dia	Each	367.92	535.56
	ii) 4" (100 mm) dia	Each	367.92	660.96
	iii) 5" (125 mm) dia	Each	554.40	1,195.92
	iv) 6" (150 mm) dia	Each	554.40	1,405.80
	v) 8" (200 mm) dia	Each	614.88	2,076.12
	vi) 10" (250 mm) dia.	Each	614.88	2,906.40
	vii) 12" (300 mm) dia.	Each	705.60	4,664.28
	viii) 14" (350 mm) dia.	Each	705.60	8,865.84
	b) Class D		-	-
	i) 1.25" (30 mm) dia	Each	260.40	347.52
	ii) 1.5" (40 mm) dia	Each	260.40	437.28
	iii) 2" (50 mm) dia	Each	294.00	501.24
	iv) 3" (75 mm) dia	Each	294.00	626.64
	v) 4" (100 mm) dia	Each	468.72	1,013.88
	vi) 5" (125 mm) dia	Each	468.72	1,762.32
	vii) 6" (150 mm) dia	Each	614.88	2,683.32
27-41	Add extra for respective payable item of ground floor		0.00	-
	a) For first floor		0.00	10%
	b) For every additional floor above first floor		0.00	8%
27-42	Providing, laying, cutting, jointing, testing and disinfecting HDPE pipes denisty 700 - 960 Kg/ cu.m arbon black contyent .2% DIN 8074, 8075 orPS 3580-1997 (rev.) ISO 9001-2000 pressure clasification of PF 100(black) for water PN-10, Complete in all respect, including spcials and all fittings, connnections and jointing material		-	-
	a) HDPE Pipe PN10 25mm) Outer dia	RM	108.00	242.16
		RFt		73.83
	b) HDPE Pipe PN10 32mm) Outer dia	RM	108.00	286.36
		RFt		87.30
	c) HDPE Pipe PN10 40mm) Outer dia	RM	108.00	459.52
		RFt		140.10
	d) HDPE Pipe PN10 50mm) Outer dia	RM	108.00	693.51
		RFt		211.44
	e) HDPE Pipe PN10 63mm) Outer dia	RM	216.00	948.68
		RFt		289.23
	f) HDPE Pipe PN10 75mm) Outer dia	RM	216.00	1,104.16
		RFt		336.63
	g) HDPE Pipe PN10 90mm) Outer dia	RM	216.00	1,585.68
		RFt		483.44

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
h)	HDPE Pipe PN10 110mm) Outer dia	RM	216.00	2,222.16
		RFt		677.49
i)	HDPE Pipe PN10 125mm) Outer dia	RM	216.00	2,847.20
		RFt		868.05
j)	HDPE Pipe PN10 140mm) Outer dia	RM	259.20	3,441.08
		RFt		1,049.11
k)	HDPE Pipe PN10 160mm) Outer dia	RM	259.20	4,521.12
		RFt		1,378.39
l)	HDPE Pipe PN10 180mm) Outer dia	RM	259.20	5,561.64
		RFt		1,695.62
m)	HDPE Pipe PN10 200mm) Outer dia	RM	324.00	6,921.24
		RFt		2,110.13
n)	HDPE Pipe PN10 225mm) Outer dia	RM	324.00	8,612.28
		RFt		2,625.70
o)	HDPE Pipe PN10 250mm) Outer dia	RM	324.00	10,339.20
		RFt		3,152.20
p)	HDPE Pipe PN10 280mm) Outer dia	RM	432.00	13,037.84
		RFt		3,974.95
q)	HDPE Pipe PN10 315mm) Outer dia	RM	432.00	16,665.88
		RFt		5,081.06
r)	HDPE Pipe PN10 355mm) Outer dia	RM	432.00	20,603.32
		RFt		6,281.50
s)	HDPE Pipe PN10 400mm) Outer dia	RM	540.00	26,579.52
		RFt		8,103.51
t)	HDPE Pipe PN10 450mm) Outer dia	RM	540.00	33,702.48
		RFt		10,275.15
u)	HDPE Pipe PN10 500mm) Outer dia	RM	540.00	40,841.04
		RFt		12,451.54
v)	HDPE Pipe PN10 560mm) Outer dia	RM	648.00	51,134.80
		RFt		15,589.88
w)	HDPE Pipe PN10 630mm) Outer dia	RM	648.00	65,345.36
		RFt		19,922.37
x)	HDPE Pipe PN10 800 mm) Outer dia	RM	648.00	102,852.96
		RFt		31,357.61
27-43	Providing, laying, cutting, jointing, testing and disinfecting HDPE pipes denisty 700 - 960 Kg/ cu.m arbon black contyent .2% DIN 8074, 8075 orPS 3580-1997 (rev.) ISO 9001-2000 pressure clasification of PF 100(black) for water PN-16, Complete in all respect, including specials anad all fittings, connnections and jointing material		-	-
a)	HDPE Pipe PN16 20mm) Outer dia	RM	43.20	161.24
		RFt		49.16

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
b)	HDPE Pipe PN16 25mm) Outer dia	RM	108.00	265.56
		RFt		80.96
c)	HDPE Pipe PN16 32mm) Outer dia	RM	108.00	373.72
		RFt		113.94
d)	HDPE Pipe PN16 40mm) Outer dia	RM	108.00	520.88
		RFt		158.80
e)	HDPE Pipe PN16 50mm) Outer dia	RM	108.00	692.48
		RFt		211.12
f)	HDPE Pipe PN16 63mm) Outer dia	RM	216.00	1,158.24
		RFt		353.12
g)	HDPE Pipe PN16 75mm) Outer dia	RM	216.00	1,566.44
		RFt		477.57
h)	HDPE Pipe PN16 90mm) Outer dia	RM	216.00	2,169.64
		RFt		661.48
i)	HDPE Pipe PN16 110mm) Outer dia	RM	216.00	3,100.44
		RFt		945.26
j)	HDPE Pipe PN16 125mm) Outer dia	RM	216.00	3,906.44
		RFt		1,190.99
k)	HDPE Pipe PN16 140mm) Outer dia	RM	259.20	4,905.92
		RFt		1,495.71
l)	HDPE Pipe PN16 160mm) Outer dia	RM	259.20	6,353.08
		RFt		1,936.91
m)	HDPE Pipe PN16 180mm) Outer dia	RM	259.20	7,932.32
		RFt		2,418.39
n)	HDPE Pipe PN16 200mm) Outer dia	RM	324.00	9,840.52
		RFt		3,000.16
o)	HDPE Pipe PN16 225mm) Outer dia	RM	324.00	12,367.72
		RFt		3,770.65
p)	HDPE Pipe PN16 250mm) Outer dia	RM	324.00	15,239.68
		RFt		4,646.24
q)	HDPE Pipe PN16 280mm) Outer dia	RM	432.00	18,893.56
		RFt		5,760.23
r)	HDPE Pipe PN16 315mm) Outer dia	RM	432.00	24,069.64
		RFt		7,338.30
s)	HDPE Pipe PN16 355mm) Outer dia	RM	432.00	30,295.08
		RFt		9,236.30
t)	HDPE Pipe PN16 400mm) Outer dia	RM	540.00	38,619.60
		RFt		11,774.27
u)	HDPE Pipe PN16 450mm) Outer dia	RM	540.00	48,622.84
		RFt		14,824.04

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
v)	HDPE Pipe PN16 500mm) Outer dia	RM	540.00	60,197.52
		RFt		18,352.90
w)	HDPE Pipe PN16 560mm) Outer dia	RM	648.00	74,867.08
		RFt		22,825.33
x)	HDPE Pipe PN16 630mm) Outer dia	RM	648.00	94,710.80
		RFt		28,875.24
z)	HDPE Pipe PN16 800 mm) Outer dia	RM	648.00	152,003.36
		RFt		46,342.49
27-44	Providing and fixing LDPE overhead tank double ply, blue/white manufactured by Marjan, Master or equivalent on top of any floor		-	-
a)	300 gallons capacity	Each	2208.00	27,105.60
b)	500 gallons capacity	Each	2208.00	371,510.22
c)	1000 gallons capacity	Each	2208.00	85,157.58
d)	1200 gallons capacity	Each	2208.00	92,928.00
e)	1500 gallons capacity	Each	2208.00	103,008.00
f)	1800 gallons capacity	Each	3312.00	123,012.00
27-45-1	Cleaning of overhead water tank	Cu.m	31.65	33.40
27-46	Supply and fixing 1/8" thick galvanized iron sheet water tank of approved design and size including covering and locking arrangment and erection and positioning excluding the cost of pillars and painting	Each	2208.00	73,187.58
a)	Providing, laying, cutting, jointing, testing and disinfecting PPRC pipes confirming to ISO 4427, PN-20, complete in all respects with specials and valves etc. including all fittings, connnections and jointing material		-	
i)	PPRC Pipe PN20 13mm) Outer dia	R.M	17.28	329.28
		R.ft		100.39
ii)	PPRC Pipe PN20 20mm) Outer dia	R.M	17.28	1,405.68
		R.ft		428.56
iii)	PPRC Pipe PN20 25mm) Outer dia	R.M	17.28	2,346.36
		R.ft		715.35
iv)	PPRC Pipe PN20 32mm) Outer dia	R.M	43.20	3,863.64
		R.ft		1,177.94
v)	PPRC Pipe PN20 40mm) Outer dia	R.M	43.20	5,866.68
		R.ft		1,788.62
vi)	PPRC Pipe PN20 50mm) Outer dia	R.M	108.00	9,778.44
		R.ft		2,981.23
vii)	PPRC Pipe PN20 63mm) Outer dia	R.M	108.00	15,498.96
		R.ft		4,725.29
viii)	PPRC Pipe PN20 75mm) Outer dia	R.M	216.00	21,430.44
		R.ft		6,533.67
ix)	PPRC Pipe PN20 90mm) Outer dia	R.M	216.00	31,414.44

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		9,577.57
	x) PPRC Pipe PN20 110mm) Outer dia	R.M	216.00	50,082.96
		R.ft		15,269.20
27-48	Supplying uPVC blind pipe IIL, Prince, Dadex or equivalent make registered with PSQCA.		-	-
	a) Class B		-	-
	i) 3" (75 mm) dia	R.M	0.00	1,287.84
		R.ft		392.63
	ii) 4" (100 mm) dia	R.M	0.00	1,945.92
		R.ft		593.27
	iii) 5" (125 mm) dia	R.M	0.00	2,699.52
		R.ft		823.02
	iv) 6" (150 mm) dia	R.M	0.00	3,808.80
		R.ft		1,161.22
	v) 8" (200 mm) dia	R.M	0.00	5,794.56
		R.ft		1,766.63
	vi) 10" (250 mm) dia	R.M	0.00	9,875.04
		R.ft		3,010.68
	vii) 12" (300 mm) dia	R.M	0.00	13,774.08
		R.ft		4,199.41
	viii) 14" (350 mm) dia	R.M	0.00	16,343.52
		R.ft		4,982.78
	ix) 16" (400 mm) dia	R.M	0.00	21,681.12
		R.ft		6,610.10
	x) 18" (450 mm) dia	R.M	0.00	26,657.28
		R.ft		8,127.22
	xi) 20" (500 mm) dia	R.M	0.00	36,518.40
		R.ft		11,133.66
	xii) 22" (550 mm) dia	R.M	0.00	44,179.20
		R.ft		13,469.27
	xiii) 24" (600 mm) dia	R.M	0.00	48,234.24
		R.ft		14,705.56
	b) Class C		-	-
	i) 3" (75 mm) dia	R.M	0.00	1,803.60
		R.ft		549.88
	ii) 4" (100 mm) dia	R.M	0.00	2,618.40
		R.ft		798.29
	iii) 5" (125 mm) dia	R.M	0.00	4,286.40
		R.ft		1,306.83
	iv) 6" (150 mm) dia	R.M	0.00	6,232.80
		R.ft		1,900.24

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
v)	8" (200 mm) dia	R.M	0.00	9,394.80
		R.ft		2,864.27
vi)	10" (250 mm) dia	R.M	0.00	16,696.80
		R.ft		5,090.49
vii)	12" (300 mm) dia	R.M	0.00	24,228.00
		R.ft		7,386.59
viii)	14" (350 mm) dia	R.M	0.00	28,308.00
		R.ft		8,630.49
ix)	16" (400 mm) dia	R.M	0.00	43,644.00
		R.ft		13,306.10
x)	18" (450 mm) dia	R.M	0.00	44,442.00
		R.ft		13,549.39
xi)	20" (500 mm) dia	R.M	0.00	46,502.40
		R.ft		14,177.56
xii)	22" (550 mm) dia	R.M	0.00	48,219.60
		R.ft		14,701.10
xiii)	24" (600 mm) dia	R.M	0.00	50,622.00
		R.ft		15,433.54
c)	Class D		-	-
i)	3" (75 mm) dia	R.M	0.00	1,999.68
		R.ft		609.66
ii)	4" (100 mm) dia	R.M	0.00	3,341.28
		R.ft		1,018.68
iii)	5" (125 mm) dia	R.M	0.00	4,973.76
		R.ft		1,516.39
iv)	6" (150 mm) dia	R.M	0.00	7,231.68
		R.ft		2,204.78
v)	8" (200 mm) dia	R.M	0.00	10,985.28
		R.ft		3,349.17
vi)	10" (250 mm) dia	R.M	0.00	18,690.72
		R.ft		5,698.39
vii)	12" (300 mm) dia	R.M	0.00	26,062.56
		R.ft		7,945.90
viii)	14" (350 mm) dia	R.M	0.00	32,316.48
		R.ft		9,852.59
ix)	16" (400 mm) dia	R.M	0.00	41,688.00
		R.ft		12,709.76
x)	18" (450 mm) dia	R.M	0.00	49,916.16
		R.ft		15,218.34
xi)	20" (500 mm) dia	R.M	0.00	51,000.00
		R.M		

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		15,548.78
xii)	22" (550 mm) dia	R.M	0.00	52,320.00
		R.ft		15,951.22
xiii)	24" (600 mm) dia	R.M	0.00	53,022.00
		R.ft		16,165.24
d)	Class E		-	-
i)	3" (75 mm) dia	R.M	0.00	2,067.60
		R.ft		630.37
ii)	4" (100 mm) dia	R.M	0.00	3,223.20
		R.ft		982.68
iii)	5" (125 mm) dia	R.M	0.00	5,043.60
		R.ft		1,537.68
iv)	6" (150 mm) dia	R.M	0.00	9,543.60
		R.ft		2,909.63
v)	8" (200 mm) dia	R.M	0.00	14,910.00
		R.ft		4,545.73
vi)	10" (250 mm) dia	R.M	0.00	25,920.00
		R.ft		7,902.44
vii)	12" (300 mm) dia	R.M	0.00	36,034.80
		R.ft		10,986.22
viii)	14" (350 mm) dia	R.M	0.00	44,155.20
		R.ft		13,461.95
ix)	16" (400 mm) dia	R.M	0.00	50,480.40
		R.ft		15,390.37
x)	18" (450 mm) dia	R.M	0.00	54,768.00
		R.ft		16,697.56
xi)	20" (500 mm) dia	R.M	0.00	57,567.60
		R.ft		17,551.10
xii)	22" (550 mm) dia	R.M	0.00	59,120.40
		R.ft		18,024.51
xiii)	24" (600 mm) dia	R.M	0.00	60,600.00
		R.ft		18,475.61
27-49	Installing uPVC pipe of approved make registered with PSQCA in sewerlines and/or laying, cutting, jointing, testing including all specials in pipe lines in trenches.		-	-
a)	Class B		-	-
i)	3" (75 mm) dia	R.ft	58.80	478.64
		R.M		145.93
ii)	4" (100 mm) dia	R.ft	58.80	693.17
		R.M		211.33
iii)	5" (125 mm) dia	R.ft	88.20	968.24

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.M		295.20
iv)	6" (150 mm) dia	R.ft	88.20	1,329.87
		R.M		405.45
v)	8" (200 mm) dia	R.ft	88.20	1,977.23
		R.M		602.81
vi)	10" (250 mm) dia	R.ft	117.60	3,336.86
		R.M		1,017.34
vii)	12" (300 mm) dia	R.ft	117.60	4,607.95
		R.M		1,404.86
viii)	14" (350 mm) dia	R.ft	117.60	5,445.59
		R.M		1,660.24
ix)	16" (400 mm) dia	R.ft	176.40	7,244.45
		R.M		2,208.67
x)	18" (450 mm) dia	R.ft	176.40	8,866.67
		R.M		2,703.25
xi)	20" (500 mm) dia	R.ft	176.40	12,081.40
		R.M		3,683.35
xii)	22" (550 mm) dia	R.ft	294.00	14,696.42
		R.M		4,480.62
xiii)	24" (600 mm) dia	R.ft	294.00	16,018.36
		R.M		4,883.65
	b) Class C		-	-
i)	3" (75 mm) dia	R.ft	58.80	646.77
		R.M		197.19
ii)	4" (100 mm) dia	R.ft	58.80	912.40
		R.M		278.17
iii)	5" (125 mm) dia	R.ft	88.20	1,485.57
		R.M		452.92
iv)	6" (150 mm) dia	R.ft	88.20	2,120.09
		R.M		646.37
v)	8" (200 mm) dia	R.ft	88.20	3,150.90
		R.M		960.64
vi)	10" (250 mm) dia	R.ft	117.60	5,560.76
		R.M		1,695.35
vii)	12" (300 mm) dia	R.ft	117.60	8,015.93
		R.M		2,443.88
viii)	14" (350 mm) dia	R.ft	117.60	9,346.01
		R.M		2,849.39
ix)	16" (400 mm) dia	R.ft	176.40	14,404.34
		R.M		4,391.57

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
x)	18" (450 mm) dia	R.ft	176.40	14,664.49
		R.M		4,470.88
xi)	20" (500 mm) dia	R.ft	176.40	15,336.18
		R.M		4,675.67
xii)	22" (550 mm) dia	R.ft	294.00	16,013.59
		R.M		4,882.19
xiii)	24" (600 mm) dia	R.ft	294.00	16,796.77
		R.M		5,120.97
c) Class D			-	-
i)	3" (75 mm) dia	R.ft	58.80	710.70
		R.M		216.68
ii)	4" (100 mm) dia	R.ft	58.80	1,148.06
		R.M		350.02
iii)	5" (125 mm) dia	R.ft	88.20	1,709.65
		R.M		521.23
iv)	6" (150 mm) dia	R.ft	88.20	2,445.73
		R.M		745.65
v)	8" (200 mm) dia	R.ft	88.20	3,669.40
		R.M		1,118.72
vi)	10" (250 mm) dia	R.ft	117.60	6,210.77
		R.M		1,893.53
vii)	12" (300 mm) dia	R.ft	117.60	8,613.99
		R.M		2,626.22
viii)	14" (350 mm) dia	R.ft	117.60	10,652.77
		R.M		3,247.80
ix)	16" (400 mm) dia	R.ft	176.40	13,766.69
		R.M		4,197.16
x)	18" (450 mm) dia	R.ft	176.40	16,449.07
		R.M		5,014.96
xi)	20" (500 mm) dia	R.ft	176.40	16,802.40
		R.M		5,122.68
xii)	22" (550 mm) dia	R.ft	294.00	17,350.32
		R.M		5,289.73
xiii)	24" (600 mm) dia	R.ft	294.00	17,579.17
		R.M		5,359.50
d) Class E			-	-
i)	3" (75 mm) dia	R.ft	58.80	732.84
		R.M		223.43
ii)	4" (100 mm) dia	R.ft	58.80	1,109.56
		R.M		338.28

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
iii)	5" (125 mm) dia	R.ft	88.20	1,732.41
		R.M		528.17
iv)	6" (150 mm) dia	R.ft	88.20	3,199.41
		R.M		975.43
v)	8" (200 mm) dia	R.ft	88.20	4,948.86
		R.M		1,508.80
vi)	10" (250 mm) dia	R.ft	117.60	8,567.52
		R.M		2,612.05
vii)	12" (300 mm) dia	R.ft	117.60	11,864.94
		R.M		3,617.36
viii)	14" (350 mm) dia	R.ft	117.60	14,512.20
		R.M		4,424.45
ix)	16" (400 mm) dia	R.ft	176.40	16,633.01
		R.M		5,071.04
x)	18" (450 mm) dia	R.ft	176.40	18,030.77
		R.M		5,497.19
xi)	20" (500 mm) dia	R.ft	176.40	18,943.44
		R.M		5,775.44
xii)	22" (550 mm) dia	R.ft	294.00	19,567.25
		R.M		5,965.63
xiii)	24" (600 mm) dia	R.ft	294.00	20,049.60
		R.M		6,112.68
27-50	Supply of HDPE pipes density 700 - 960 Kg/ cu.m arbon black contyent .2% DIN 8074, 8075 orPS 3580-1997 (rev.) ISO 9001-2000 pressure clasification of PF 100(black) for water PN-16		-	
a)	HDPE Pipes density 700-960 kg/cu.m (20mm)	R.ft	0.00	90.80
		R.M		27.68
b)	HDPE Pipes density 700-960 kg/cu.m (25mm)	R.ft	0.00	121.20
		R.M		36.95
c)	HDPE Pipes density 700-960 kg/cu.m (32mm)	R.ft	0.00	204.40
		R.M		62.32
d)	HDPE Pipes density 700-960 kg/cu.m (40mm)	R.ft	0.00	317.60
		R.M		96.83
e)	HDPE Pipes density 700-960 kg/cu.m (50mm)	R.ft	0.00	449.60
		R.M		137.07
f)	HDPE Pipes density 700-960 kg/cu.m (63mm)	R.ft	0.00	724.80
		R.M		220.98
g)	HDPE Pipes density 700-960 kg/cu.m (75mm)	R.ft	0.00	1,038.80
		R.M		316.71
h)	HDPE Pipes density 700-960 kg/cu.m (90mm)	R.ft	0.00	1,502.80
		R.M		

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.M		458.17
i)	HDPE Pipes density 700-960 kg/cu.m (110mm)	R.ft	0.00	2,218.80
		R.M		676.46
j)	HDPE Pipes density 700-960 kg/cu.m (125mm)	R.ft	0.00	2,838.80
		R.M		865.49
k)	HDPE Pipes density 700-960 kg/cu.m (140mm)	R.ft	0.00	3,574.40
		R.M		1,089.76
l)	HDPE Pipes density 700-960 kg/cu.m (160mm)	R.ft	0.00	4,687.60
		R.M		1,429.15
m)	HDPE Pipes density 700-960 kg/cu.m (180mm)	R.ft	0.00	5,902.40
		R.M		1,799.51
n)	HDPE Pipes density 700-960 kg/cu.m (200mm)	R.ft	0.00	7,320.40
		R.M		2,231.83
o)	HDPE Pipes density 700-960 kg/cu.m (225mm)	R.ft	0.00	9,264.40
		R.M		2,824.51
p)	HDPE Pipes density 700-960 kg/cu.m (250mm)	R.ft	0.00	11,473.60
		R.M		3,498.05
q)	HDPE Pipes density 700-960 kg/cu.m (280mm)	R.ft	0.00	14,201.20
		R.M		4,329.63
r)	HDPE Pipes density 700-960 kg/cu.m (315mm)	R.ft	0.00	18,182.80
		R.M		5,543.54
s)	HDPE Pipes density 700-960 kg/cu.m (355mm)	R.ft	0.00	22,971.60
		R.M		7,003.54
t)	HDPE Pipes density 700-960 kg/cu.m (400mm)	R.ft	0.00	29,292.00
		R.M		8,930.49
u)	HDPE Pipes density 700-960 kg/cu.m (450 mm)	R.ft	0.00	36,986.80
		R.M		11,276.46
v)	HDPE Pipes density 700-960 kg/cu.m (500 mm)	R.ft	0.00	45,890.40
		R.M		13,990.98
w)	HDPE Pipes density 700-960 kg/cu.m (560 mm)	R.ft	0.00	57,091.60
		R.M		17,405.98
x)	HDPE Pipes density 700-960 kg/cu.m (630 mm)	R.ft	0.00	72,356.00
		R.M		22,059.76
z)	HDPE Pipes density 700-960 kg/cu.m (800 mm)	R.ft	0.00	116,427.20
		R.M		35,496.10
27-51	laying, cutting, jointing, testing and disinfecting HDPE pipes density 700-960 kg/cu.m and carbon black contents > 2% with DIN-8074, 8075 or PS-3580:1997 (rev.) ISO 9001-2000 pressure classification of PE -100 (black) for water PN-16, complete in all respects		-	-
a)	HDPE Pipes density 700-960 kg/cu.m (20mm)	R.ft	43.20	45.02
		R.M		13.72

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
b)	HDPE Pipes density 700-960 kg/cu.m (25mm)	R.ft	108.00	110.42
		R.M		33.67
c)	HDPE Pipes density 700-960 kg/cu.m (32mm)	R.ft	108.00	112.09
		R.M		34.17
d)	HDPE Pipes density 700-960 kg/cu.m (40mm)	R.ft	108.00	114.35
		R.M		34.86
e)	HDPE Pipes density 700-960 kg/cu.m (50mm)	R.ft	108.00	116.99
		R.M		35.67
f)	HDPE Pipes density 700-960 kg/cu.m (63mm)	R.ft	216.00	230.50
		R.M		70.27
g)	HDPE Pipes density 700-960 kg/cu.m (75mm)	R.ft	216.00	236.78
		R.M		72.19
h)	HDPE Pipes density 700-960 kg/cu.m (90mm)	R.ft	216.00	246.06
		R.M		75.02
i)	HDPE Pipes density 700-960 kg/cu.m (110mm)	R.ft	216.00	260.38
		R.M		79.38
j)	HDPE Pipes density 700-960 kg/cu.m (125mm)	R.ft	216.00	287.49
		R.M		87.65
k)	HDPE Pipes density 700-960 kg/cu.m (140mm)	R.ft	259.20	330.69
		R.M		100.82
l)	HDPE Pipes density 700-960 kg/cu.m (160mm)	R.ft	259.20	352.95
		R.M		107.61
m)	HDPE Pipes density 700-960 kg/cu.m (180mm)	R.ft	259.20	377.25
		R.M		115.01
n)	HDPE Pipes density 700-960 kg/cu.m (200mm)	R.ft	324.00	470.41
		R.M		143.42
o)	HDPE Pipes density 700-960 kg/cu.m (225mm)	R.ft	324.00	509.29
		R.M		155.27
p)	HDPE Pipes density 700-960 kg/cu.m (250mm)	R.ft	324.00	553.47
		R.M		168.74
q)	HDPE Pipes density 700-960 kg/cu.m (280mm)	R.ft	432.00	716.02
		R.M		218.30
r)	HDPE Pipes density 700-960 kg/cu.m (315mm)	R.ft	432.00	795.66
		R.M		242.58
s)	HDPE Pipes density 700-960 kg/cu.m (355mm)	R.ft	432.00	891.43
		R.M		271.78
t)	HDPE Pipes density 700-960 kg/cu.m (400mm)	R.ft	540.00	1,125.84
		R.M		343.24
u)	HDPE Pipes density 700-960 kg/cu.m (450 mm)	R.ft	540.00	1,279.74
		R.M		390.16

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
v)	HDPE Pipes density 700-960 kg/cu.m (500 mm)	R.ft	540.00	1,457.81
		R.M		444.45
w)	HDPE Pipes density 700-960 kg/cu.m (560 mm)	R.ft	648.00	1,789.83
		R.M		545.68
x)	HDPE Pipes density 700-960 kg/cu.m (630 mm)	R.ft	648.00	1,733.34
		R.M		528.46
z)	HDPE Pipes density 700-960 kg/cu.m (800 mm)	R.ft	648.00	2,394.41
		R.M		730.00
27-52	Supply of HDPE pipes density 700 - 960 Kg/ cu.m carbon black contyent .2% DIN 8074, 8075 orPS 3580-1997 (rev.) ISO 9001-2000 pressure clasification of PF 100(black) for water PN-10		-	-
a)	HDPE Pipes density 700-960 kg/cu.m (25mm)	R.M	0.00	103.20
		R.ft		31.46
b)	HDPE Pipes density 700-960 kg/cu.m (32mm)	R.M	0.00	137.20
		R.ft		41.83
c)	HDPE Pipes density 700-960 kg/cu.m (40mm)	R.M	0.00	270.40
		R.ft		82.44
d)	HDPE Pipes density 700-960 kg/cu.m (50mm)	R.M	0.00	450.40
		R.ft		137.32
e)	HDPE Pipes density 700-960 kg/cu.m (63mm)	R.M	0.00	563.60
		R.ft		171.83
f)	HDPE Pipes density 700-960 kg/cu.m (75mm)	R.M	0.00	683.20
		R.ft		208.29
g)	HDPE Pipes density 700-960 kg/cu.m (90mm)	R.M	0.00	1,053.60
		R.ft		321.22
h)	HDPE Pipes density 700-960 kg/cu.m (110mm)	R.M	0.00	1,543.20
		R.ft		470.49
i)	HDPE Pipes density 700-960 kg/cu.m (125mm)	R.M	0.00	2,024.00
		R.ft		617.07
j)	HDPE Pipes density 700-960 kg/cu.m (140mm)	R.M	0.00	2,447.60
		R.ft		746.22
k)	HDPE Pipes density 700-960 kg/cu.m (160mm)	R.M	0.00	3,278.40
		R.ft		999.51
l)	HDPE Pipes density 700-960 kg/cu.m (180mm)	R.M	0.00	4,078.80
		R.ft		1,243.54
m)	HDPE Pipes density 700-960 kg/cu.m (200mm)	R.M	0.00	5,074.80
		R.ft		1,547.20
n)	HDPE Pipes density 700-960 kg/cu.m (225mm)	R.M	0.00	6,375.60
		R.ft		1,943.78
o)	HDPE Pipes density 700-960 kg/cu.m (250mm)	R.M	0.00	7,704.00
		R.ft		2,348.78

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
p)	HDPE Pipes density 700-960 kg/cu.m (280mm)	R.M	0.00	9,696.80
		R.ft		2,956.34
q)	HDPE Pipes density 700-960 kg/cu.m (315mm)	R.M	0.00	12,487.60
		R.ft		3,807.20
r)	HDPE Pipes density 700-960 kg/cu.m (355mm)	R.M	0.00	15,516.40
		R.ft		4,730.61
s)	HDPE Pipes density 700-960 kg/cu.m (400mm)	R.M	0.00	20,030.40
		R.ft		6,106.83
t)	HDPE Pipes density 700-960 kg/cu.m (450 mm)	R.M	0.00	25,509.60
		R.ft		7,777.32
u)	HDPE Pipes density 700-960 kg/cu.m (500 mm)	R.M	0.00	31,000.80
		R.ft		9,451.46
v)	HDPE Pipes density 700-960 kg/cu.m (560 mm)	R.M	0.00	38,836.00
		R.ft		11,840.24
w)	HDPE Pipes density 700-960 kg/cu.m (630 mm)	R.M	0.00	49,767.20
		R.ft		15,172.93
x)	HDPE Pipes density 700-960 kg/cu.m (800 mm)	R.M	0.00	78,619.20
		R.ft		23,969.27
27-53	laying, cutting, jointing, testing and disinfecting HDPE pipes density 700-960 kg/cu.m and carbon black contents > 2% with DIN-8074, 8075 or PS-3580:1997 (rev.) ISO 9001-2000 pressure classification of PE -100 (black) for water PN-10, complete in all respects.		-	-
a)	HDPE Pipes density 700-960 kg/cu.m (25mm)	R.M	108.00	110.06
		R.ft		33.56
b)	HDPE Pipes density 700-960 kg/cu.m (32mm)	R.M	108.00	110.74
		R.ft		33.76
c)	HDPE Pipes density 700-960 kg/cu.m (40mm)	R.M	108.00	113.41
		R.ft		34.58
d)	HDPE Pipes density 700-960 kg/cu.m (50mm)	R.M	216.00	225.01
		R.ft		68.60
e)	HDPE Pipes density 700-960 kg/cu.m (63mm)	R.M	216.00	227.27
		R.ft		69.29
f)	HDPE Pipes density 700-960 kg/cu.m (75mm)	R.M	216.00	229.66
		R.ft		70.02
g)	HDPE Pipes density 700-960 kg/cu.m (90mm)	R.M	216.00	237.07
		R.ft		72.28
h)	HDPE Pipes density 700-960 kg/cu.m (110mm)	R.M	216.00	246.86
		R.ft		75.26
i)	HDPE Pipes density 700-960 kg/cu.m (125mm)	R.M	259.20	299.68
		R.ft		91.37
j)	HDPE Pipes density 700-960 kg/cu.m (140mm)	R.M	259.20	308.15
		R.ft		

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		93.95
	k) HDPE Pipes density 700-960 kg/cu.m (160mm)	R.M	259.20	324.77
		R.ft		99.01
	l) HDPE Pipes density 700-960 kg/cu.m (180mm)	R.M	324.00	405.58
		R.ft		123.65
	m) HDPE Pipes density 700-960 kg/cu.m (200mm)	R.M	324.00	425.50
		R.ft		129.72
	n) HDPE Pipes density 700-960 kg/cu.m (225mm)	R.M	324.00	451.51
		R.ft		137.66
	o) HDPE Pipes density 700-960 kg/cu.m (250mm)	R.M	432.00	586.08
		R.ft		178.68
	p) HDPE Pipes density 700-960 kg/cu.m (280mm)	R.M	432.00	625.94
		R.ft		190.83
	q) HDPE Pipes density 700-960 kg/cu.m (315mm)	R.M	432.00	681.75
		R.ft		207.85
	r) HDPE Pipes density 700-960 kg/cu.m (355mm)	R.M	540.00	850.33
		R.ft		259.25
	s) HDPE Pipes density 700-960 kg/cu.m (400mm)	R.M	540.00	940.61
		R.ft		286.77
	t) HDPE Pipes density 700-960 kg/cu.m (450 mm)	R.M	540.00	1,050.19
		R.ft		320.18
	u) HDPE Pipes density 700-960 kg/cu.m (500 mm)	R.M	648.00	1,268.02
		R.ft		386.59
	v) HDPE Pipes density 700-960 kg/cu.m (560 mm)	R.M	648.00	1,424.72
		R.ft		434.37
	w) HDPE Pipes density 700-960 kg/cu.m (630 mm)	R.M	648.00	1,543.81
		R.ft		470.67
	x) HDPE Pipes density 700-960 kg/cu.m (800 mm)	R.M	648.00	1,827.29
		R.ft		557.10
27-54	Supply of HDPE pipes density 700 - 960 Kg/ cu.m arbon black contyent .2% DIN 8074, 8075 orPS 3580-1997 (rev.) ISO 9001-2000 pressure clasification of PF 100(black) for water PN-12.5			
	a) HDPE Pipes density 700-960 kg/cu.m (20mm)	R.M	0.00	75.60
		R.ft		23.05
	b) HDPE Pipes density 700-960 kg/cu.m (25mm)	R.M	0.00	105.60
		R.ft		32.20
	c) HDPE Pipes density 700-960 kg/cu.m (32mm)	R.M	0.00	158.80
		R.ft		48.41
	d) HDPE Pipes density 700-960 kg/cu.m (40mm)	R.M	0.00	241.60
		R.ft		73.66
	e) HDPE Pipes density 700-960 kg/cu.m (50mm)	R.M	0.00	373.20

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		113.78
f)	HDPE Pipes density 700-960 kg/cu.m (63mm)	R.M	0.00	640.40
		R.ft		195.24
g)	HDPE Pipes density 700-960 kg/cu.m (75mm)	R.M	0.00	871.20
		R.ft		265.61
h)	HDPE Pipes density 700-960 kg/cu.m (90mm)	R.M	0.00	1,239.60
		R.ft		377.93
i)	HDPE Pipes density 700-960 kg/cu.m (110mm)	R.M	0.00	1,878.40
		R.ft		572.68
j)	HDPE Pipes density 700-960 kg/cu.m (125mm)	R.M	0.00	2,427.60
		R.ft		740.12
k)	HDPE Pipes density 700-960 kg/cu.m (140mm)	R.M	0.00	3,091.20
		R.ft		942.44
l)	HDPE Pipes density 700-960 kg/cu.m (160mm)	R.M	0.00	3,860.00
		R.ft		1,176.83
m)	HDPE Pipes density 700-960 kg/cu.m (180mm)	R.M	0.00	4,954.80
		R.ft		1,510.61
n)	HDPE Pipes density 700-960 kg/cu.m (200mm)	R.M	0.00	6,010.80
		R.ft		1,832.56
o)	HDPE Pipes density 700-960 kg/cu.m (225mm)	R.M	0.00	7,610.00
		R.ft		2,320.12
p)	HDPE Pipes density 700-960 kg/cu.m (250mm)	R.M	0.00	9,378.40
		R.ft		2,859.27
q)	HDPE Pipes density 700-960 kg/cu.m (280mm)	R.M	0.00	11,784.80
		R.ft		3,592.93
r)	HDPE Pipes density 700-960 kg/cu.m (315mm)	R.M	0.00	15,301.20
		R.ft		4,665.00
s)	HDPE Pipes density 700-960 kg/cu.m (355mm)	R.M	0.00	19,284.00
		R.ft		5,879.27
t)	HDPE Pipes density 700-960 kg/cu.m (400mm)	R.M	0.00	23,967.60
		R.ft		7,307.20
u)	HDPE Pipes density 700-960 kg/cu.m (450 mm)	R.M	0.00	23,848.40
		R.ft		7,270.85
v)	HDPE Pipes density 700-960 kg/cu.m (500 mm)	R.M	0.00	37,281.60
		R.ft		11,366.34
w)	HDPE Pipes density 700-960 kg/cu.m (560 mm)	R.M	0.00	46,992.00
		R.ft		14,326.83
x)	HDPE Pipes density 700-960 kg/cu.m (630 mm)	R.M	0.00	59,226.40
		R.ft		18,056.83
y)	HDPE Pipes density 700-960 kg/cu.m (800 mm)	R.M	0.00	95,455.20

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		29,102.20
27-55	laying, cutting, jointing, testing and disinfecting HDPE pipes density 700-960 kg/cu.m and carbon black contents > 2% with DIN-8074, 8075 or PS-3580:1997 (rev.) ISO 9001-2000 pressure classification of PE -100 (black) for water PN-12.5 complete in all respects.		-	-
a)	HDPE Pipes density 700-960 kg/cu.m (20mm)	R.M	108.00	109.51
		R.ft		33.39
b)	HDPE Pipes density 700-960 kg/cu.m (25mm)	R.M	108.00	110.11
		R.ft		33.57
c)	HDPE Pipes density 700-960 kg/cu.m (32mm)	R.M	108.00	110.74
		R.ft		33.76
d)	HDPE Pipes density 700-960 kg/cu.m (40mm)	R.M	108.00	112.83
		R.ft		34.40
e)	HDPE Pipes density 700-960 kg/cu.m (50mm)	R.M	216.00	223.46
		R.ft		68.13
f)	HDPE Pipes density 700-960 kg/cu.m (63mm)	R.M	216.00	228.81
		R.ft		69.76
g)	HDPE Pipes density 700-960 kg/cu.m (75mm)	R.M	216.00	233.42
		R.ft		71.17
h)	HDPE Pipes density 700-960 kg/cu.m (90mm)	R.M	216.00	240.79
		R.ft		73.41
i)	HDPE Pipes density 700-960 kg/cu.m (110mm)	R.M	216.00	253.57
		R.ft		77.31
j)	HDPE Pipes density 700-960 kg/cu.m (125mm)	R.M	259.20	307.75
		R.ft		93.83
k)	HDPE Pipes density 700-960 kg/cu.m (140mm)	R.M	259.20	321.02
		R.ft		97.87
l)	HDPE Pipes density 700-960 kg/cu.m (160mm)	R.M	259.20	336.40
		R.ft		102.56
m)	HDPE Pipes density 700-960 kg/cu.m (180mm)	R.M	324.00	423.10
		R.ft		128.99
n)	HDPE Pipes density 700-960 kg/cu.m (200mm)	R.M	324.00	444.22
		R.ft		135.43
o)	HDPE Pipes density 700-960 kg/cu.m (225mm)	R.M	324.00	476.20
		R.ft		145.18
p)	HDPE Pipes density 700-960 kg/cu.m (250mm)	R.M	432.00	619.57
		R.ft		188.89
q)	HDPE Pipes density 700-960 kg/cu.m (280mm)	R.M	432.00	667.70
		R.ft		203.57
r)	HDPE Pipes density 700-960 kg/cu.m (315mm)	R.M	432.00	738.02
		R.ft		225.01

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
s)	HDPE Pipes density 700-960 kg/cu.m (355mm)	R.M	540.00	925.68
		R.ft		282.22
t)	HDPE Pipes density 700-960 kg/cu.m (400mm)	R.M	540.00	1,019.35
		R.ft		310.78
u)	HDPE Pipes density 700-960 kg/cu.m (450 mm)	R.M	540.00	1,016.97
		R.ft		310.05
v)	HDPE Pipes density 700-960 kg/cu.m (500 mm)	R.M	648.00	1,393.63
		R.ft		424.89
w)	HDPE Pipes density 700-960 kg/cu.m (560 mm)	R.M	648.00	1,587.84
		R.ft		484.10
x)	HDPE Pipes density 700-960 kg/cu.m (630 mm)	R.M	648.00	1,714.08
		R.ft		522.58
y)	HDPE Pipes density 700-960 kg/cu.m (800 mm)	R.M	648.00	1,984.37
		R.ft		604.99
27-56	Supply of HDPE pipes density 700 - 960 Kg/ cu.m arbon black contyent .2% DIN 8074, 8075 orPS 3580-1997 (rev.) ISO 9001-2000 pressure clasification of PF 100(black) for water PN-8			
a)	HDPE Pipes density 700-960 kg/cu.m (40mm)	R.M	0.00	178.40
		R.ft		54.39
b)	HDPE Pipes density 700-960 kg/cu.m (50mm)	R.M	0.00	344.40
		R.ft		105.00
c)	HDPE Pipes density 700-960 kg/cu.m (63mm)	R.M	0.00	241.20
		R.ft		73.54
d)	HDPE Pipes density 700-960 kg/cu.m (75mm)	R.M	0.00	580.00
		R.ft		176.83
e)	HDPE Pipes density 700-960 kg/cu.m (90mm)	R.M	0.00	787.20
		R.ft		240.00
f)	HDPE Pipes density 700-960 kg/cu.m (110mm)	R.M	0.00	1,256.40
		R.ft		383.05
g)	HDPE Pipes density 700-960 kg/cu.m (125mm)	R.M	0.00	1,630.00
		R.ft		496.95
h)	HDPE Pipes density 700-960 kg/cu.m (140mm)	R.M	0.00	2,050.40
		R.ft		625.12
i)	HDPE Pipes density 700-960 kg/cu.m (160mm)	R.M	0.00	2,623.60
		R.ft		799.88
j)	HDPE Pipes density 700-960 kg/cu.m (180mm)	R.M	0.00	3,280.80
		R.ft		1,000.24
k)	HDPE Pipes density 700-960 kg/cu.m (200mm)	R.M	0.00	3,662.40
		R.ft		1,116.59
l)	HDPE Pipes density 700-960 kg/cu.m (225mm)	R.M	0.00	5,136.00
		R.ft		1,565.85

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
m)	HDPE Pipes density 700-960 kg/cu.m (250mm)	R.M	0.00	6,256.00
		R.ft		1,907.32
n)	HDPE Pipes density 700-960 kg/cu.m (280mm)	R.M	0.00	7,872.80
		R.ft		2,400.24
o)	HDPE Pipes density 700-960 kg/cu.m (315mm)	R.M	0.00	9,923.20
		R.ft		3,025.37
p)	HDPE Pipes density 700-960 kg/cu.m (355mm)	R.M	0.00	12,596.00
		R.ft		3,840.24
q)	HDPE Pipes density 700-960 kg/cu.m (400mm)	R.M	0.00	16,467.20
		R.ft		5,020.49
r)	HDPE Pipes density 700-960 kg/cu.m (450 mm)	R.M	0.00	20,513.60
		R.ft		6,254.15
s)	HDPE Pipes density 700-960 kg/cu.m (500 mm)	R.M	0.00	24,935.20
		R.ft		7,602.20
t)	HDPE Pipes density 700-960 kg/cu.m (560 mm)	R.M	0.00	31,535.20
		R.ft		9,614.39
u)	HDPE Pipes density 700-960 kg/cu.m (630 mm)	R.M	0.00	39,694.40
		R.ft		12,101.95
v)	HDPE Pipes density 700-960 kg/cu.m (800 mm)	R.M	0.00	63,916.40
		R.ft		19,486.71
27-57	laying, cutting, jointing, testing and disinfecting HDPE pipes density 700-960 kg/cu.m and carbon black contents > 2% with DIN-8074, 8075 or PS-3580:1997 (rev.) ISO 9001-2000 pressure classification of PE -100 (black) for water PN-8, complete in all respects.		-	-
a)	HDPE Pipes density 700-960 kg/cu.m (40mm)	R.M	108.00	111.57
		R.ft		34.01
b)	HDPE Pipes density 700-960 kg/cu.m (50mm)	R.M	108.00	114.89
		R.ft		35.03
c)	HDPE Pipes density 700-960 kg/cu.m (63mm)	R.M	216.00	220.82
		R.ft		67.32
d)	HDPE Pipes density 700-960 kg/cu.m (75mm)	R.M	216.00	227.60
		R.ft		69.39
e)	HDPE Pipes density 700-960 kg/cu.m (90mm)	R.M	216.00	231.74
		R.ft		70.65
f)	HDPE Pipes density 700-960 kg/cu.m (110mm)	R.M	216.00	241.13
		R.ft		73.51
g)	HDPE Pipes density 700-960 kg/cu.m (125mm)	R.M	216.00	248.60
		R.ft		75.79
h)	HDPE Pipes density 700-960 kg/cu.m (140mm)	R.M	259.20	300.21
		R.ft		91.53
i)	HDPE Pipes density 700-960 kg/cu.m (160mm)	R.M	259.20	311.67

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		95.02
j)	HDPE Pipes density 700-960 kg/cu.m (180mm)	R.M	259.20	324.82
		R.ft		99.03
k)	HDPE Pipes density 700-960 kg/cu.m (200mm)	R.M	324.00	397.25
		R.ft		121.11
l)	HDPE Pipes density 700-960 kg/cu.m (225mm)	R.M	324.00	426.72
		R.ft		130.10
m)	HDPE Pipes density 700-960 kg/cu.m (250mm)	R.M	324.00	449.12
		R.ft		136.93
n)	HDPE Pipes density 700-960 kg/cu.m (280mm)	R.M	432.00	589.46
		R.ft		179.71
o)	HDPE Pipes density 700-960 kg/cu.m (315mm)	R.M	432.00	630.46
		R.ft		192.21
p)	HDPE Pipes density 700-960 kg/cu.m (355mm)	R.M	432.00	683.92
		R.ft		208.51
q)	HDPE Pipes density 700-960 kg/cu.m (400mm)	R.M	540.00	869.34
		R.ft		265.04
r)	HDPE Pipes density 700-960 kg/cu.m (450 mm)	R.M	540.00	950.27
		R.ft		289.72
s)	HDPE Pipes density 700-960 kg/cu.m (500 mm)	R.M	540.00	1,038.70
		R.ft		316.68
t)	HDPE Pipes density 700-960 kg/cu.m (560 mm)	R.M	648.00	1,278.70
		R.ft		389.85
u)	HDPE Pipes density 700-960 kg/cu.m (630 mm)	R.M	648.00	1,441.89
		R.ft		439.60
v)	HDPE Pipes density 700-960 kg/cu.m (800 mm)	R.M	648.00	1,606.75
		R.ft		489.86
27-58	Providing & fixing of HDPE specials such as bends, Tee, Adapter PN-16 Confirming to PSQAC standard etc			
	a) Providing and fixing HDPE Flanged Adoptor		0.00	-
i)	Flanged Adoptor 63mm	Each	108.00	893.40
ii)	Flanged Adoptor 75mm	Each	108.00	1,329.00
iii)	Flanged Adoptor 90mm	Each	216.00	1,786.80
iv)	Flanged Adoptor 110mm	Each	216.00	2,361.00
v)	Flanged Adoptor 125mm	Each	216.00	2,559.00
vi)	Flanged Adoptor 160mm	Each	324.00	4,620.60
vii)	Flanged Adoptor 180mm	Each	324.00	5,392.80
viii)	Flanged Adoptor 200mm	Each	324.00	8,514.60
ix)	Flanged Adoptor 225mm	Each	324.00	12,032.40
x)	Flanged Adoptor 250mm	Each	432.00	16,984.80
xi)	Flanged Adoptor 280mm	Each	432.00	22,911.60

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
xii)	Flanged Adoptor 315mm	Each	432.00	23,868.60
	b) Providing and fixing HDPE Band 90 & 45		-	-
i)	Bend 63mm	Each	108.00	1,286.10
ii)	Bend 75mm	Each	108.00	1,375.20
iii)	Bend 90mm	Each	216.00	1,780.20
iv)	Bend 110mm	Each	216.00	2,611.80
v)	Bend 125mm	Each	216.00	5,974.50
vi)	Bend 160mm	Each	324.00	8,121.90
vii)	Bend 180mm	Each	324.00	12,233.70
viii)	Bend 200mm	Each	324.00	14,672.40
ix)	Bend 225mm	Each	324.00	26,671.20
x)	Bend 250mm	Each	432.00	53,179.20
xi)	Bend 280mm	Each	432.00	46,780.50
xii)	Bend 315mm	Each	432.00	56,056.80
	c) Providing and fixing HDPE Tee Equal		-	-
i)	Tee Equal 63 mm	Each	64.80	1,543.20
ii)	Tee Equal 75mm	Each	64.80	1,721.40
iii)	Tee Equal 90mm	Each	108.00	2,457.60
iv)	Tee Equal 110 mm	Each	108.00	4,028.40
v)	Tee Equal 125 mm	Each	151.20	8,546.40
vi)	Tee Equal 160mm	Each	151.20	13,219.20
vii)	Tee Equal 180mm	Each	216.00	32,424.00
viii)	Tee Equal 200mm	Each	216.00	27,573.00
ix)	Tee Equal 225 mm	Each	259.20	36,849.60
x)	Tee Equal 250mm	Each	302.40	43,255.20
xi)	Tee Equal 280 mm	Each	302.40	78,367.20
xii)	Tee Equal 315mm	Each	432.00	78,510.00
	d) Providing and fixing HDPE End Cap		-	-
i)	End Cap 63 mm	Each	64.80	777.60
ii)	End Cap 75mm	Each	64.80	883.20
iii)	End Cap 90mm	Each	108.00	926.40
iv)	End Cap 110 mm	Each	108.00	1,084.80
v)	End Cap 125 mm	Each	151.20	1,893.60
vi)	End Cap 160mm	Each	151.20	2,500.80
vii)	End cap 180mm	Each	216.00	6,063.60
viii)	End Cap 200mm	Each	216.00	6,050.40
ix)	End Cap 225 mm	Each	259.20	9,631.20
x)	End Cap 250mm	Each	302.40	13,977.60
	e) Providing and fixing HDPE Cross		-	-
i)	Cross 63 mm	Each	64.80	3,028.20

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
ii)	Cross 75mm	Each	64.80	3,582.60
iii)	Cross 90mm	Each	108.00	5,579.40
iv)	Cross 110 mm	Each	108.00	7,915.80
v)	Cross 160 mm	Each	151.20	26,458.80
vi)	Cross 200 mm	Each	151.20	39,355.20
vii)	Cross 250 mm	Each	216.00	60,672.00
viii)	Cross 315 mm	Each	216.00	107,532.00
f) Providing and fixing HDPE MS Flange			-	-
i)	MS Flange 90 mm	Each	64.80	3,028.86
ii)	MS Flange 110 mm	Each	64.80	3,771.36
iii)	MS Flange 160 mm	Each	108.00	4,553.10
iv)	MS Flange 200 mm	Each	108.00	7,517.16
v)	MS Flange 250 mm	Each	151.20	8,795.88
vi)	MS Flange 280 mm	Each	151.20	14,969.52
g) Providing and fixing HDPE PP Flange			-	-
i)	PP Flange 90 mm	Each	64.80	4,759.38
ii)	PP Flange 110 mm	Each	64.80	5,992.92
iii)	PP Flange 160 mm	Each	108.00	11,964.24
iv)	PP Flange 200 mm	Each	108.00	17,397.36
v)	PP Flange 250 mm	Each	151.20	24,849.72
h) Providing and fixing HDPE Reducer Spigot			0.00	-
i)	Reducer Spigot 63x50	Each	64.80	1,465.06
ii)	Reducer Spigot 75x63	Each	64.80	1,465.06
iii)	Reducer Spigot 90x50	Each	108.00	1,786.51
iv)	Reducer Spigot 90x63	Each	108.00	3,465.02
v)	Reducer Spigot 90x75	Each	151.20	1,829.71
vi)	Reducer Spigot 110x50	Each	151.20	3,090.84
vii)	Reducer Spigot 110x63	Each	216.00	3,604.44
viii)	Reducer Spigot 110x75	Each	216.00	3,155.64
ix)	Reducer Spigot 110x90	Each	259.20	3,198.84
x)	Reducer Spigot 125x90	Each	302.40	4,503.17
xi)	Reducer Spigot 125x110	Each	302.40	4,503.17
xii)	Reducer Spigot 160x63	Each	432.00	6,030.78
xiii)	Reducer Spigot 160x75	Each	432.00	6,030.78
xiv)	Reducer Spigot 160x90	Each	432.00	6,030.78
xv)	Reducer Spigot 160x110	Each	432.00	6,030.78
xvi)	Reducer Spigot 180x90	Each	432.00	8,550.79
xvii)	Reducer Spigot 180x125	Each	432.00	8,550.79
xviii)	Reducer Spigot 200x90	Each	432.00	12,134.46
xix)	Reducer Spigot 200x110	Each	432.00	9,390.05

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
xx)	Reducer Spigot 200x160	Each	432.00	9,390.05
xxi)	Reducer Spigot 225x90	Each	432.00	18,348.10
xxii)	Reducer Spigot 225x110	Each	432.00	20,026.61
xxiii)	Reducer Spigot 225x160	Each	432.00	20,026.61
xxiv)	Reducer Spigot 250x90	Each	432.00	20,026.61
xxv)	Reducer Spigot 250x110	Each	432.00	22,824.88
xxvi)	Reducer Spigot 250x160	Each	432.00	22,824.88
xxvii)	Reducer Spigot 250x200	Each	432.00	22,824.88
xxviii)	Reducer Spigot 280x110	Each	864.00	23,256.88
xxix)	Reducer Spigot 280x250	Each	432.00	28,423.66
xxx)	Reducer Spigot 315x90	Each	432.00	28,423.66
xxxi)	Reducer Spigot 315x110	Each	432.00	36,820.70
xxxii)	Reducer Spigot 315x160	Each	432.00	36,820.70
xxxiii)	Reducer Spigot 315x250	Each	432.00	36,820.70
	i) Providing and fixing HDPE Reducer Tee		-	-
i)	Reducer Tee 63x50 mm	Each	64.80	2,304.31
ii)	Reducer Tee 75x63 mm	Each	64.80	2,863.07
iii)	Reducer Tee 90x50	Each	108.00	3,608.64
iv)	Reducer Tee 90x63	Each	108.00	3,608.64
v)	Reducer Tee 90x75	Each	151.20	3,651.84
vi)	Reducer Tee 110x50	Each	151.20	4,351.97
vii)	Reducer Tee 110x63	Each	216.00	4,865.57
viii)	Reducer Tee 110x75	Each	216.00	4,416.77
ix)	Reducer Tee 110x90	Each	259.20	4,459.97
x)	Reducer Tee 125x90	Each	302.40	8,699.45
xi)	Reducer Tee 125x110	Each	302.40	8,699.45
xii)	Reducer Tee 160x63	Each	432.00	10,509.80
xiii)	Reducer Tee 160x75	Each	432.00	10,509.80
xiv)	Reducer Tee 160x90	Each	432.00	10,509.80
xv)	Reducer Tee 160x110	Each	432.00	10,509.80
xvi)	Reducer Tee 180x90	Each	432.00	18,628.60
xvii)	Reducer Tee 180x125	Each	432.00	18,628.60
xviii)	Reducer Tee 200x90	Each	432.00	20,026.61
xix)	Reducer Tee 200x110	Each	432.00	21,426.86
xx)	Reducer Tee 200x160	Each	432.00	32,624.42
xxi)	Reducer Tee 225x90	Each	432.00	32,624.42
xxii)	Reducer Tee 225x110	Each	432.00	32,624.42
xxiii)	Reducer Tee 225x160	Each	432.00	32,624.42
xxiv)	Reducer Tee 250x90	Each	432.00	33,409.82
xxv)	Reducer Tee 250x110	Each	432.00	33,409.82

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
xxvi)	Reducer Tee 250x160	Each	432.00	39,621.22
xxvii)	Reducer Tee 250x200	Each	432.00	39,621.22
xxviii)	Reducer Tee 280x110	Each	432.00	53,617.04
xxix)	Reducer Tee 280x250	Each	432.00	53,617.04
xxx)	Reducer Tee 315x90	Each	432.00	56,415.31
xxxi)	Reducer Tee 315x110	Each	432.00	56,415.31
xxxii)	Reducer Tee 315x160	Each	432.00	63,414.35
xxxiii)	Reducer Spigot 315x250	Each	432.00	36,820.70
27-59	Fixing/Joining of HDPE Pipe with Compression and But Fussion Method.		-	-
a)	Butt Fussion Fitting/Joining	P.joint	558.00	1,218.00
b)	Compression Fitting/Joining	P.joint	516.00	516.00
27-60	Supplying of G.I. pipe with flunch IIL or equivalent of approved make registered with PSQCA.		-	-
	a) Light duty			
i)	1/2" (15 mm) dia	R.M	0.00	512.16
		R.ft		156.15
ii)	3/4" (20 mm) inner dia.	R.M	0.00	910.80
		R.ft		277.68
iii)	1" (25 mm) inner dia.	R.M	0.00	1,386.00
		R.ft		422.56
iv)	1.25" (30 mm) dia	R.M	0.00	1,797.84
		R.ft		548.12
v)	1.5" (40 mm) dia	R.M	0.00	2,059.20
		R.ft		627.80
vi)	2" (50 mm) dia	R.M	0.00	2,904.00
		R.ft		885.37
vii)	2.5" (65 mm) inner dia.	R.M	0.00	3,682.80
		R.ft		1,122.80
viii)	3" (75 mm) dia inner dia.	R.M	0.00	4,804.80
		R.ft		1,464.88
ix)	4" (100 mm) dia	R.M	0.00	6,969.60
		R.ft		2,124.88
	b) Medium duty		-	-
i)	1/2" (15 mm) dia	R.M	0.00	706.20
		R.ft		215.30
ii)	3/4" (20 mm) inner dia.	R.M	0.00	1,016.40
		R.ft		309.88
iii)	1" (25 mm) inner dia.	R.M	0.00	1,452.00
		R.ft		442.68
iv)	1.25" (30 mm) dia	R.M	0.00	1,883.64
		R.ft		574.28

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
v)	1.5" (40 mm) dia	R.M	0.00	2,402.40
		R.ft		732.44
vi)	2" (50 mm) dia	R.M	0.00	3,030.72
		R.ft		924.00
vii)	2.5" (65 mm) inner dia.	R.M	0.00	4,200.24
		R.ft		1,280.56
viii)	3" (75 mm) dia inner dia.	R.M	0.00	4,936.80
		R.ft		1,505.12
ix)	4" (100 mm) dia	R.M	0.00	7,056.72
		R.ft		2,151.44
x)	5" (125 mm) dia	R.M	0.00	9,464.40
		R.ft		2,885.49
xi)	6" (150 mm) dia	R.M	0.00	11,154.00
		R.ft		3,400.61
27-61	laying, cutting, jointing, testing and disinfecting G.I. pipe line IIL or equivalent of approved make registered with PSQCA including the cost of specials i.e Nut & Bolts (S.S) and Rubber Gasket		-	-
	a) Light duty		-	-
i)	1/2" (15 mm) inner dia.	R.M	172.80	265.92
		R.ft		81.07
ii)	3/4" (20 mm) inner dia.	R.M	172.80	338.40
		R.ft		103.17
iii)	1" (25 mm) inner dia.	R.M	194.88	446.88
		R.ft		136.24
iv)	1.25" (30 mm) dia	R.M	194.88	521.76
		R.ft		159.07
v)	1.5" (40 mm) dia	R.M	218.40	592.80
		R.ft		180.73
vi)	2" (50 mm) dia	R.M	218.40	746.40
		R.ft		227.56
vii)	2.5" (65 mm) inner dia.	R.M	270.00	939.60
		R.ft		286.46
viii)	3" (75 mm) dia inner dia.	R.M	270.00	1,143.60
		R.ft		348.66
ix)	4" (100 mm) dia	R.M	300.00	1,567.20
		R.ft		477.80
	b) Medium duty		0.00	-
i)	1/2" (15 mm) dia	R.M	172.80	301.20
		R.ft		91.83
ii)	3/4" (20 mm) dia	R.M	172.80	357.60

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		109.02
iii)	1" (25 mm) dia	R.M	194.88	458.88
		R.ft		139.90
iv)	1.25" (30 mm) dia	R.M	194.88	537.36
		R.ft		163.83
v)	1.5" (40 mm) dia	R.M	218.40	655.20
		R.ft		199.76
vi)	2" (50 mm) dia	R.M	218.40	769.44
		R.ft		234.59
vii)	2.5" (65 mm) dia	R.M	270.00	1,033.68
		R.ft		315.15
viii)	3" (75 mm) dia	R.M	270.00	1,167.60
		R.ft		355.98
ix)	4" (100 mm) dia	R.M	300.00	1,583.04
		R.ft		482.63
x)	5" (125 mm) dia	R.M	368.40	2,089.20
		R.ft		636.95
xi)	6" (150 mm) dia	R.M	368.40	2,396.40
		R.ft		730.61
27-62-1	Supplying MS strainer for tubewell bore hole of the nominal inner diameter.		-	-
a)	2" MS Strainer 50 (3mm Thikness)	R.M	0.00	3,000.02
		R.ft		914.64
b)	3"MS Strainer 75 (3mm Thikness)	R.M	0.00	3,462.70
		R.ft		1,055.70
c)	4" MS Strainer 100 (3mm Thikness)	R.M	0.00	3,924.14
		R.ft		1,196.39
d)	5" MS Strainer 125 (3mm Thikness)	R.M	0.00	4,476.17
		R.ft		1,364.69
e)	6"MS Strainer 150 (3mm Thikness)	R.M	0.00	5,495.76
		R.ft		1,675.54
f)	7"MS Strainer 175 (3mm Thikness)	R.M	0.00	6,235.06
		R.ft		1,900.93
g-1)	8" MS Strainer 200 (3mm Thikness)	R.M	0.00	7,848.29
		R.ft		2,392.77
g-2)	8" MS Strainer 200 (3.5mm Thikness)	R.M	0.00	9,025.78
		R.ft		2,751.76
h)	9" MS Strainer 225 (3mm Thikness)	R.M	0.00	8,402.76
		R.ft		2,561.82
i-1)	10" MS Strainer 250 (3mm Thikness)	R.M	0.00	9,637.78
		R.ft		2,938.35

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
i-2)	10" MS Strainer 250 (3.5mm Thickness)	R.M	0.00	10,594.94
		R.ft		3,230.17
i-3)	10" MS Strainer 250 (4mm Thickness)	R.M	0.00	12,188.59
		R.ft		3,716.03
i-4)	10" MS Strainer 250 (4.5mm Thickness)	R.M	0.00	13,804.27
		R.ft		4,208.62
j-1)	12" MS Strainer 300 (4mm Thickness)	R.M	0.00	17,105.72
		R.ft		5,215.16
j-2)	12" MS Strainer 300 (4.5mm Thickness)	R.M	0.00	18,860.15
		R.ft		5,750.05
j-3)	12" MS Strainer 300 (5mm Thickness)	R.M	0.00	21,053.19
		R.ft		6,418.66
j-4)	12" MS Strainer 300 (6mm Thickness)	R.M	0.00	25,439.27
		R.ft		7,755.88
k)	15" MS Strainer 375 (6mm Thickness)	R.M	0.00	14,076.00
		R.ft		4,291.46
l)	18" MS Strainer 450 (6mm Thickness)	R.M	0.00	19,706.40
		R.ft		6,008.05
27-62-2	Supplying M.S. blind pipe of the nominal inner diameter.		-	-
a)	2" MS Blind Pipe 50 mm dia (3 mm Thickness)	R.M	0.00	2,609.57
		R.ft		795.60
b)	3" MS Blind Pipe 75 mm dia (3 mm Thickness)	R.M	0.00	3,011.04
		R.ft		918.00
c)	4" MS Blind Pipe 100 mm dia (3 mm Thickness)	R.M	0.00	3,412.51
		R.ft		1,040.40
d)	5" MS Blind Pipe 125 mm dia (3 mm Thickness)	R.M	0.00	3,892.32
		R.ft		1,186.68
e)	6" MS Blind Pipe 150 mm dia (3 mm Thickness)	R.M	0.00	4,779.72
		R.ft		1,457.23
f)	7" MS Blind Pipe 175 mm dia (3mm Thickness)	R.M	0.00	5,422.32
		R.ft		1,653.15
g-1)	8" MS Blind Pipe 200 mm dia (3mm Thickness)	R.M	0.00	6,825.02
		R.ft		2,080.80
g-2)	8" MS Blind Pipe 200 mm dia (3.5mm Thickness)	R.M	0.00	8,543.32
		R.ft		2,604.67
h)	9" MS Blind Pipe 225 mm dia (3mm Thickness)	R.M	0.00	7,307.28
		R.ft		2,227.83
i-1)	10" MS Blind Pipe 250 mm dia (3mm Thickness)	R.M	0.00	9,213.05
		R.ft		2,808.86
i-2)	10" MS Blind Pipe 250 mm dia (3.5mm Thickness)	R.M	0.00	10,598.62

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.ft		3,231.29
i-3)	10" MS Blind Pipe 250mm dia (4mm Thikness)	R.M	0.00	12,003.77
		R.ft		3,659.69
i-4)	10" MS Blind Pipe 250 mm dia (4.5mm Thikness)	R.M	0.00	12,393.00
		R.ft		3,778.35
j-1)	12" MS Blind Pipe 300 mm dia (4mm Thikness)	R.M	0.00	14,352.62
		R.ft		4,375.80
j-2)	12" MS Blind Pipe 300 mm dia (4.5mm Thikness)	R.M	0.00	16,307.35
		R.ft		4,971.75
j-3)	12" MS Blind Pipe 300 mm dia (5mm Thikness)	R.M	0.00	18,266.98
		R.ft		5,569.20
j-4)	12" MS Blind Pipe 300 mm dia (6mm Thikness)	R.M	0.00	22,121.11
		R.ft		6,744.24
k)	15" MS Blind Pipe 375mm dia (3mm Thikness)	R.M	0.00	22,032.00
		R.ft		6,717.07
l)	18" MS Blind Pipe 450mm dia (3mm Thikness)	R.M	0.00	26,928.00
		R.ft		8,209.76
27-63	Installing MS strainer and MS Blind Pipe of the nominal inner diameter.		-	-
a)	2" (50 mm) dia. and 5/32" (4 mm) wall thickness	R.M	68.40	68.40
		R.ft		20.85
b)	3" (75 mm) dia. and 5/32" (4 mm) wall thickness	R.M	136.80	136.80
		R.ft		41.71
c)	4" (100 mm) dia. and 3/16" (5 mm) wall thickness	R.M	136.80	136.80
		R.ft		41.71
d)	5" (125 mm) dia. and 3/16" (5 mm) wall thickness	R.M	205.20	205.20
		R.ft		62.56
e)	6" (150 mm) dia. and 3/16" (5 mm) wall thickness	R.M	205.20	205.20
		R.ft		62.56
f)	7" (175 mm) dia and 3/16" (5 mm) wall thickness	R.M	273.60	273.60
		R.ft		83.41
g)	8" (200 mm) dia and 3/16" (5 mm) wall thickness	R.M	273.60	273.60
		R.ft		83.41
h)	9" (225 mm) dia and 3/16" (5 mm) wall thickness	R.M	342.00	342.00
		R.ft		104.27
i)	10" (250 mm) dia and 3/16" (5 mm) wall thickness	R.M	342.00	342.00
		R.ft		104.27
j)	12" (300 mm) dia and 1/4" (6 mm) wall thickness	R.M	410.40	410.40
		R.ft		125.12
k)	15" (375 mm) dia and 1/4" (6 mm) wall thickness	R.M	410.40	410.40
		R.ft		125.12

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	l) 18" (450 mm) dia and 1/4" (6 mm) wall thickness	R.M	492.00	492.00
		R.ft		150.00
27-64	Providing and fixing at Site Centrifugal Pump of KSB, Grandfos or approved equivalent (similar specifications), complete in all respects including all taxes.		-	-
	a) Centrifugal Pump with capacity 40 upto 200 gpm	Each	756.00	43,956.00
	b) Centrifugal Pump with capacity 50 upto 160 gpm	Each	756.00	53,256.00
	c) Centrifugal Pump with capacity 65 upto 200 gpm	Each	756.00	70,536.00
	d) Centrifugal Pump with capacity 32 upto 160 gpm	Each	756.00	52,356.00
	e) Centrifugal Pump with capacity 40 upto 250 gpm	Each	1512.00	74,412.00
	f) Centrifugal Pump with capacity 50 upto 200 gpm	Each	1512.00	65,532.00
	g) Centrifugal Pump with capacity 80 upto 200 gpm	Each	1512.00	65,532.00
27-65	Providing and fixing at Site Electric Motor of KSB, Grandfos, Siemens or approved equivalent (similar specifications), complete in all respects including all taxes.		-	-
27-65-1	1-Electric Motor 2 POLE (2950 RPM)			
	a) Electric Motor, 1 Hp	Each	324.00	92,604.00
	b) Electric Motor, 2 Hp	Each	324.00	113,364.00
	c) Electric Motor, 3 Hp	Each	324.00	139,884.00
	d) Electric Motor, 5.5 Hp	Each	648.00	190,968.00
	e) Electric Motor, 7.5 Hp	Each	648.00	234,168.00
	f) Electric Motor, 10 Hp	Each	648.00	285,048.00
	g) Electric Motor, 15 Hp	Each	972.00	383,412.00
	h) Electric Motor, 20 Hp	Each	972.00	499,932.00
	i) Electric Motor, 25 Hp	Each	972.00	596,532.00
	j) Electric Motor, 30 Hp	Each	1206.00	767,766.00
	k) Electric Motor, 40 Hp	Each	1206.00	912,246.00
	l) Electric Motor, 50 Hp	Each	1206.00	912,246.00
	m) Electric Motor, 60 Hp	Each	1440.00	912,480.00
	n) Electric Motor, 75 Hp	Each	1440.00	1,816,560.00
	o) Electric Motor, 100 Hp	Each	1440.00	2,492,640.00
	p) Electric Motor, 120 Hp	Each	1944.00	2,978,544.00
	q) Electric Motor, 147 Hp	Each	1944.00	3,411,984.00
	r) Electric Motor, 177 Hp	Each	1944.00	4,065,864.00
	s) Electric Motor, 215 Hp	Each	2592.00	5,006,352.00
	t) Electric Motor, 268 Hp	Each	2592.00	6,218,712.00
	u) Electric Motor, 355 Hp	Each	2592.00	8,056,392.00
27-65-2	2-Electric Motor 4 POLE (1450 RPM)			
	a) Electric Motor, 1 Hp	Each	324.00	103,644.00
	b) Electric Motor, 2 Hp	Each	324.00	122,124.00
	c) Electric Motor, 3 Hp	Each	324.00	148,764.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
d)	Electric Motor, 5.5 Hp	Each	648.00	199,368.00
e)	Electric Motor, 7.5 Hp	Each	648.00	242,208.00
f)	Electric Motor, 10 Hp	Each	648.00	292,728.00
g)	Electric Motor, 15 Hp	Each	972.00	387,012.00
h)	Electric Motor, 20 Hp	Each	972.00	513,492.00
i)	Electric Motor, 25 Hp	Each	972.00	667,692.00
j)	Electric Motor, 30 Hp	Each	1206.00	786,726.00
k)	Electric Motor, 40 Hp	Each	1206.00	952,086.00
l)	Electric Motor, 50 Hp	Each	1206.00	1,460,766.00
m)	Electric Motor, 60 Hp	Each	1440.00	1,461,000.00
n)	Electric Motor, 75 Hp	Each	1440.00	1,764,240.00
o)	Electric Motor, 100 Hp	Each	1440.00	2,404,440.00
p)	Electric Motor, 120 Hp	Each	1944.00	2,815,104.00
q)	Electric Motor, 147 Hp	Each	1944.00	3,343,944.00
r)	Electric Motor, 177 Hp	Each	1944.00	3,915,984.00
s)	Electric Motor, 215 Hp	Each	2592.00	4,720,392.00
t)	Electric Motor, 268 Hp	Each	2592.00	5,823,672.00
u)	Electric Motor, 355 Hp	Each	2592.00	7,566,432.00
27-65-3	3-Electric Motor 6 POLE (950 RPM)			
a)	Electric Motor, 1 Hp	Each	324.00	112,644.00
b)	Electric Motor, 2 Hp	Each	324.00	139,644.00
c)	Electric Motor, 3 Hp	Each	324.00	164,604.00
d)	Electric Motor, 5.5 Hp	Each	648.00	232,128.00
e)	Electric Motor, 7.5 Hp	Each	648.00	277,248.00
f)	Electric Motor, 10 Hp	Each	648.00	354,528.00
g)	Electric Motor, 15 Hp	Each	972.00	545,412.00
h)	Electric Motor, 20 Hp	Each	972.00	932,892.00
i)	Electric Motor, 25 Hp	Each	972.00	1,124,412.00
j)	Electric Motor, 30 Hp	Each	1206.00	1,282,686.00
k)	Electric Motor, 40 Hp	Each	1206.00	1,542,846.00
l)	Electric Motor, 50 Hp	Each	1206.00	2,069,646.00
m)	Electric Motor, 60 Hp	Each	1440.00	2,069,880.00
n)	Electric Motor, 75 Hp	Each	1440.00	2,288,640.00
o)	Electric Motor, 100 Hp	Each	1440.00	2,852,280.00
p)	Electric Motor, 120 Hp	Each	1944.00	3,263,544.00
q)	Electric Motor, 147 Hp	Each	1944.00	4,869,504.00
r)	Electric Motor, 177 Hp	Each	1944.00	5,754,984.00
s)	Electric Motor, 215 Hp	Each	2592.00	6,954,312.00
t)	Electric Motor, 268 Hp	Each	2592.00	8,889,552.00
u)	Electric Motor, 355 Hp	Each	2592.00	11,599,254.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
27-66	Providing and fixing at Site Mono Block PumpSet of Meco or approved equivalent (similar specifications), complete in all respects including all taxes.		-	-
a)	Mono Block PumpSet, 4HP	Each	648.00	58,647.60
b)	Mono Block PumpSet, 5HP	Each	648.00	65,847.60
c)	Mono Block PumpSet, 7.5HP	Each	1116.00	90,315.60
d)	Mono Block PumpSet, 10HP	Each	1296.00	104,096.40
e)	Mono Block PumpSet, 15HP	Each	1944.00	221,943.60
27-67	Providing and fixing at Site of Submersible Pumpset of KSB, Komax, Alarko, Grandfos or approved equivalent (similar specifications), complete in all respects including all taxes.		-	-
a)	Submersible PumpSet, 4HP	Each	2448.00	102,048.00
b)	Submersible PumpSet, 5HP	Each	2448.00	118,248.00
c)	Submersible PumpSet, 7.5HP	Each	2448.00	201,648.00
d)	Submersible PumpSet, 10HP	Each	4896.00	240,096.00
e)	Submersible PumpSet, 12.5HP	Each	4896.00	250,176.00
f)	Submersible PumpSet, 15HP	Each	4896.00	270,056.40
g)	Submersible PumpSet, 17.5HP	Each	4896.00	293,136.00
h)	Submersible PumpSet, 20HP	Each	4896.00	328,736.40
i)	Submersible PumpSet, 25HP	Each	6120.00	377,480.40
j)	Submersible PumpSet, 30HP	Each	6120.00	499,320.00
k)	Submersible PumpSet, 40HP	Each	6120.00	621,120.00
27-68	Providing and fixing at Site Motor Control Panel of Golden,SM Power/SCS or approved equivalent (similar specifications), with Starter/Contactor, Main Switch, Amp and Volt Metter, 3 Numbers Katowit/Fuse with bulb holder point, wiring complete in all respects including all taxes.		-	-
a)	Motor Control Panel, 3HP	Each	324.00	13,584.00
b)	Motor Control Panel, 5.5HP to 7.5 Hp	Each	558.00	29,670.00
c)	Motor Control Panel, 10HP	Each	792.00	40,008.00
d)	Motor Control Panel, 12.5 to 15HP	Each	792.00	42,408.00
e)	Motor Control Panel, 20HP	Each	1026.00	43,842.00
f)	Motor Control Panel, 25HP	Each	1116.00	49,206.00
g)	Motor Control Panel, 30HP	Each	1296.00	55,146.00
h)	Motor Control Panel, 40HP	Each	1440.00	56,490.00
i)	Motor Control Panel, 60HP	Each	1674.00	81,594.00
27-69	Providing and fixing at Site Diesel Engineer of Chief, KAM or approved equivalent (similar specifications), complete in all respects including all taxes.		-	-
a)	Diesel Engine, 6 HP	Each	648.00	77,448.00
b)	Diesel Engine, 8 HP	Each	1584.00	101,583.60
c)	Diesel Engine, 10 HP	Each	2232.00	120,231.60
d)	Diesel Engine, 16 HP	Each	2952.00	189,152.40
e)	Diesel Engine, 20 HP	Each	4464.00	203,664.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
27-70	f) Diesel Engine, 25HP	Each	7776.00	213,776.40
	g) Diesel Engine, 30HP	Each	13392.00	227,792.40
	h) Diesel Engine, 32HP	Each	15552.00	238,352.40
	i) Diesel Engine, 36HP	Each	15552.00	320,352.00
	j) Extra of Self Start Accessories with Battery (125 Amper)		324.00	25,524.00
	k) Extra of Base Plate and Coupling for Diesel Engine including Belts and Brackets		648.00	24,648.00
	Providing and fixing at Site Submersible Pumpset including Motor of KSB, Komax, Grandfos or approved equivalent (similar specifications), complete in all respects including all taxes.		-	-
	a) Minimum Flow rate of 30 m3/h, 4 HP, 6" DOL Type, 50 Hz, 2.98 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 4 Stages , Discharge:- 92 GPM and Head:- 154 Feet	Each	2448.00	914,448.00
	b) Minimum Flow rate of 30 m3/h, 5.5 HP, 6" DOL Type, 50 Hz, 4 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 4 Stages , Discharge:- 92 GPM and Head:- 154 Feet	Each	2448.00	1,003,248.00
	c) Minimum Flow rate of 35 m3/h, 7.5 HP, 6" DOL Type, 50 Hz, 5.5 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 200 Feet	Each	2448.00	1,261,248.00
	d) Minimum Flow rate of 40 m3/h, 10 HP, 6" DOL Type, 50 Hz, 7.5 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 282 Feet	Each	2448.00	1,470,964.80
	e) Minimum Flow rate of 50 m3/h, 12.5 HP, 6" DOL Type, 50 Hz, 9.3 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 282 Feet	Each	2448.00	1,674,048.00
	f) Minimum Flow rate of 50 m3/h, 15 HP, 6" DOL Type, 50 Hz, 11 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 413 Feet	Each	2448.00	1,863,648.00
	g) Minimum Flow rate of 70 m3/h, 20 HP, 6" DOL Type, 50 Hz, 15 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 567 Feet	Each	2448.00	2,286,048.00
	h) Minimum Flow rate of 80 m3/h, 25 HP, 6" DOL Type, 50 Hz, 18.5 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 700 Feet	Each	2448.00	2,714,448.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	i) Minimum Flow rate of 110 m ³ /h, 30 HP, 6" DOL Type, 50 Hz, 22 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 850 Feet	Each	2448.00	3,115,248.00
	j) Minimum Flow rate of 130 m ³ /h, 35 HP, 6" DOL Type, 50 Hz, 26 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 1000 Feet	Each	2448.00	3,641,448.00
	k) Minimum Flow rate of 150 m ³ /h, 40 HP, 6" DOL Type, 50 Hz, 30 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 1100 Feet	Each	2448.00	4,563,048.00
	l) Minimum Flow rate of 180 m ³ /h, 50 HP, 6" DOL Type, 50 Hz, 37KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 950 Feet	Each	2448.00	4,563,048.00
	m) Minimum Flow rate of 220 m ³ /h, 60 HP, 6" DOL Type, 50 Hz, 45 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 1007 Feet	Each	2448.00	5,089,248.00
27-71	Providing and fixing at Site Deep Well Turbine Pump Flanged Type of KSB, Grandfos or approved equivalent (similar specifications), complete in all respects including all taxes.		0.00	-
	a) Minimum Flow rate of 50 m ³ /h, Head of 46 m and Setting Depth of 18 m, 8 Stages + 15HP / 4P Motor	Each	2448.00	1,442,448.00
	b) Minimum Flow rate of 70 m ³ /h, Head of 46 m and Setting Depth of 18 m, 10 Stages + 20HP / 4P Motor	Each	2448.00	1,652,448.00
	c) Minimum Flow rate of 110 m ³ /h, Head of 47 m and Setting Depth of 18 m, 5 Stages + 30 HP / 4P Motor	Each	2448.00	1,982,448.00
	d) Minimum Flow rate of 75 m ³ /h, Head of 61 m and Setting Depth of 46 m, 14 Stages + 30 HP / 4P Motor	Each	2448.00	2,106,447.60
	e) Minimum Flow rate of 220 m ³ /h, Head of 50 m and Setting Depth of 46 m, 4 Stages + 60 HP / 4P Motor	Each	2448.00	3,362,448.00
27-72	Providing and fixing at Site Starter Switch of Siemens, KSB, Grandfos or approved equivalent (similar specifications), complete in all respects including all taxes.		-	-
	a) For 10 HP Motor	Each	378.00	37,977.60
	b) For 15 HP Motor	Each	378.00	37,977.60
	c) For 20 HP Motor	Each	756.00	43,256.40
	d) For 25 HP Motor	Each	756.00	43,256.40
	e) For 30 HP Motor	Each	1134.00	56,334.00
	f) For 40 HP Motor	Each	1134.00	76,454.40
	g) For 60 HP Motor	Each	1512.00	101,712.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
27-73	Providing and fixing at Site Motor Contorol Unite (MCU) including relays for under/over load, dry run and time relay, Phase Saftey and Starter Switch of Siemens, KSB, Grandfos or approved equivalent (similar specifications), complete in all respects including all taxes.		-	-
a)	For 10 HP / 15 HP Motor	Each	756.00	17,556.00
b)	For 20 HP / 25 HP Motor	Each	945.00	44,145.00
c)	For 30 HP / 35 HP Motor	Each	1134.00	27,534.00
d)	For 40 HP / 60 HP Motor	Each	1512.00	35,112.00

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 28

IRON, STEEL AND ALUMINIUM WORKS

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
28-1	Providing and fixing hot dipped galvanized fully glazed steel door with frame single leaf galvanized steel bottom or kick rail 6" (150mm) wide and top rail 4" (100mm), width of Z-section 1.25" (30mm) at each edge using approved brass section oxidized fittings, iron lugs, including cutting holes galvanizing and cost of fabrication and making good the damages to walls.	Sq.m	3,570.55	36,427.85
		Sq.ft	331.72	3,384.26
28-2	Description same as in Item No. 28-1-1 but with double leaf fully glazed door with frame	Sq.m	3,112.67	39,324.29
		Sq.ft	289.18	3,653.35
28-3	Providing and fixing fully glazed steel door with frame single leaf with M.S bottom or kick rail 6" (150mm) wide and top rail of 4" (100mm) wide painted with two coats of red oxide paint, brass oxidized fittings of lugs, cutting holed, andmaking good the damages to walls.	Sq.m	3,570.55	7,455.13
		Sq.ft	331.72	692.61
28-4	Description same as in Item No. 28-3-1 but with double leaf fully glazed door with frame	Sq.m	3,112.67	27,842.43
		Sq.ft	289.18	2,586.65
28-5	Providing and fixing single leaf steel door with frame fully panelled with M.S sheet 16 gauge (1.59mm) painted with two coats of red oxide paint with brass fitting of approved make including cost of fabrication, iron lugs, cutting holes and making good the damages to walls.	Sq.m	482.52	3,766.42
		Sq.ft	44.83	349.91
28-6	Description same as in Item No. 28-5-1 but with double leaf door with frame	Sq.m	2,836.72	29,503.36
		Sq.ft	263.54	2,740.95
28-7	Providing and fixing hot dipped Galvanised single leaf steel door with 2" x 2" x 1/4" frame fully panelled with 16 gauge (1.59mm) G.I. sheet with brass fitting of approved make including cost of fabrication, iron lugs, cutting holes and making good the damages	Sq.m	482.52	3,590.37
		Sq.ft	44.83	333.56
28-8	Description same as in Item No. 28-7-1 but with double leaf door with frame	Sq.m	2,836.72	27,636.84
		Sq.ft	263.54	2,567.55
28-9	Description same as in Item No. 28-7-1 but with 2" x 2" x 1/4" frame partly glazed (using 5mm glass sheet) and partly panelled with G.I sheet of approved section	Sq.m	3,573.89	29,832.99
		Sq.ft	332.03	2,771.58
28-10	Description same as in Item No. 28-9-1 but with frame 2.5" x 2" x 1/4" partly and partly panelled with G.I. sheet	Sq.m	3,121.89	38,978.17
		Sq.ft	290.03	3,621.19
28-11	Description same as in item 28-5-1 but with frame (1.5"x1.5"x1/4") partly glazed (using 5mm glass sheet) and partly panelled of approved section with M.S. plate.	Sq.m	3,573.89	23,485.82
		Sq.ft	332.03	2,181.91
28-12	Description same as in item 28-6 but with frame (1.5"x1.5"x1/4") partly glazed (using 5mm glass sheet) and partly panelled of approved section with M.S. plate.	Sq.m	3,121.89	31,021.40
		Sq.ft	290.03	2,881.99
28-13	Providing and fixing M.S. sheet shutters with 2" x 2" x 1/4"angle iron frame as diagonal braces, gun metal roller and pulleys, angle iron top guides fixed to T-iron bottom track fixed in cement concrete 1:2:4 with rag bolts including locking arrangement and handles as per design and instructions of the Engineer incharge.	Cwt	3,223.78	22,582.44
28-14	Description same as in Item No. 28-13-1 but with G.I. corrugated sheet shutters.	Cwt	3,368.93	19,888.39
28-15	Providing and fixing 18 guage (1.41 mm) G.I. sheet pipe shaft 2" (50 mm) dia. with laths, 1/8" (3 mm) guide channel, 2" x 22" x 1" rolling shutter with all accessories and fittings encased in G.I. sheet hose with brackets including arrangement for inside and outside locking with operation handles cutting holes, painting with two coats of red oxide paint on M.S sections and making good the damage to walls as per design and instructions of the Engineer Incharge.	Cwt	100.45	769.27
28-16	Providing and fixing rolling shutters of 1/2" dia. M.S. bars mesh 4" x 4" with all accessories and fittings encased in G.I. box with brackets, arrangement for inside and outside locking with operation handles, cutting holes, painting two coats of red oxide paint on M.S. section and making good the damages to walls as per instructions of Engineer Incharge.	Cwt	100.45	530.47
28-17	Providing and fixing collapsible steel shutter or gate with vertical channels, flat	Sq.m	1,083.04	6,170.18

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	iron diagonal, top and bottom rail with steel rollers of required size, T-iron bottom track riveting the junctions, including locking arrangement and handles, cutting holes, painting two coats of red oxide paint, fixing bottom track with cement concrete 1:2:4 and making good the damages to walls fabrication as designed and erection as per instructions of the Engineer Incharge.	Sq.ft	100.62	573.23
28-18	Providing and fixing steel gate of flat iron sections of approved design with or without M.S. sheet covering including hold fast with or without roller and track arrangement including providing wicket shutter of required size with all accessories and locking arrangement as per direction of the Engineer Incharge.	Cwt	97.75	783.72
28-19	Providing and fixing hot dipped galvanized fully glazed fixed steel sky light of Z section 1.25" (32.5 mm) width or as approved by Engineer incharge including iron lugs, cutting holes and making good the damages to walls.	Sq.m	2,135.09	12,217.72
		Sq.ft	198.36	1,135.06
28-20	Providing and fixing hot dipped galvanized fully glazed single leaf hung steel windows and ventilators of approved section with Z-section 1.25" (32mm) width at each edge including using approved brass sections oxidized fittings, iron lugs, cutting holes and making good the damages to walls.	Sq.m	2,135.09	15,038.52
		Sq.ft	198.36	1,397.13
28-21	Providing and fixing hot dipped galvanized fully glazed double leaf hung steel windows and ventilators of approved section with Z-section 1.25" (32 mm) width at each edge including using approved brass sections oxidized fitting, iron lugs, cutting holes and making good the damages to walls.	Sq.m	1,182.42	17,191.14
		Sq.ft	109.85	1,597.11
28-22	Providing and fixing hot dipped galvanized fully glazed partly fixed and partly hung steel windows and ventilators with Z-section 1.25" (32 mm) width or as approved by Engineer incharge including using approved brass section oxidized fittings, iron lugs, cutting holes and making good the damages to walls	Sq.m	1,182.42	15,288.02
		Sq.ft	109.85	1,420.30
28-23	Providing and fixing fully glazed fixed aluminium sky light of economy section 1.3 mm. or as approved by Engineer incharge including lugs, cutting holes and making good the damages to walls.	Sq.m	1,182.42	9,335.27
		Sq.ft	109.85	867.28
28-24	Providing and fixing fully glazed single leaf hung/sliding aluminium windows, ventilators (Deluxe model - 1.6mm) of anodized champagne or approved color of Prime, Chawala, Pakistan Cable or any approved section as approved by Engineer incharge including aluminium fittings, 5 mm local tinted glass, lugs, cutting holes and making good the damages to walls.	Sq.m	1,182.42	19,213.05
		Sq.ft	109.85	1,784.95
28-25	Providing and fixing fully glazed fixed aluminium windows, ventilators (Deluxe model - 1.6mm) of anodized champagne or approved color of Alcop, Pakistan Cable or any approved section as approved by Engineer incharge including aluminium fittings, local tinted glass, lugs, cutting holes and making good the damages to walls.	Sq.m	1,182.42	17,048.98
		Sq.ft	109.85	1,583.90
28-26	a) Providing and fixing fully glazed partly fixed and partly hung or sliding aluminium windows (Deluxe model - 1.6mm) of anodized champagne or approved color of Prime, Chawal, Alcop, Pakistan Cable or any approved section as approved by Engineer Incharge including aluminium fittings, local tinted glass, lugs, cutting holes and making good the damages to walls.	Sq.m	1,182.42	17,603.08
		Sq.ft	109.85	1,635.38
	b) Providing and fixing fixed or sliding fibre wire gauze in aluminium frame as approved by Engineer incharge including aluminium fittings etc.	Sq.m	472.97	6,978.03
		Sq.ft	43.94	648.28
28-27	Providing and fixing iron grills as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws, painting with two coats of red oxide paint and fixing in masonry/concrete or wood	Kg	46.72	396.50
28-28	Providing and fixing iron grills with square bars of 3/8" size as per approved design including welding all sides of the section at the junction and fixing with sunk iron screws, painting with two coats of red oxide paint and fixing in masonry/concrete or wood	Sq.m	373.50	6,523.92
		Sq.ft	34.70	606.09
28-29	Providing and fixing iron bars of required dia at required spacing with horizontal flat iron as per approved design including making holes fixing with sunk iron screws, painting with two coats of red oxide paint.	Sq.m	1,476.81	4,577.21
		Sq.ft	137.20	425.24
28-30	Providing and fixing with iron screws holdfasts of flat iron bifurcated at one end as per approved design and size including painting with black bitumastic paint two coats including the cost of embedding with cement concrete 1:2:4 and curing but excluding the cost of cement concrete	Kg	321.77	681.15

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
28-31	Providing and fixing mild steel anchor or holding down bolts with nuts and washers, welded with M.S. plates if required including painting two coats of black bitumastic paint but excluding the cost of cement concrete.	Kg	113.21	584.34
28-32	Providing rolled steel joists and channels including hoisting and fixing in position in cement concrete but excluding the cost of cement concrete.	Kg	5.43	394.18
28-33	Providing M.S. Tees, angles and flats including fixing in position.	Kg	61.27	406.97
28-34	Providing and fixing R.S. joists and channels including riveting, guesset plates, nuts with hoisting and erecting in position in steel trusses, frame and towers of any approved design.	Kg	73.47	447.64
28-35	Providing and fixing M.S. Tees, angles and flat including riveting, fixing with gusset plates, bolts, hoisting and erecting in position in steel trusses, frames and towers of any approved design.	Kg	75.23	511.16
28-36	Providing and fixing R.S. joists and channels including welding all the sides of the sections at the junction, gusset plates, bolts, nuts, hoisting and erecting in position in steel trusses and towers of approved design.	Kg	70.31	486.36
28-37	Providing and fixing M.S. ties, angles, and flats including welding of all sides of the section at the junction, gusset plates, bolts, nuts, hoisting and erecting in position in steel trusses, frame and towers of approved design.	lb	70.06	612.25
28-38	Welding by gas plant upto 10 ft. (3 m.) height from ground level.	per cm	3.04	50.73
28-39	Welding by Electric plant upto 10 ft. (3 m.) height from ground level.	per cm	6.62	40.14
28-40	Providing and fixing moulded steel door frame of approved profile, manufactured from zinc-coated mild steel sheets 16 gauge made by Shahah Industries or equivalent standard conforming to B.S.S.1245, treated with special primer base paint all round, fitted with six fixing lugs, three steel hinges for fixing door shutters standard lock-strike plate, one sliding holt eye, and three rubber buffers, including cutting holes and making good damages to walls and filling the door frame cavity with lean cement mortar 1:4 as directed by the Engineer Incharge.	R.M		
a)	4.5"-5" (113.5mm-125 mm) size	R.M	168.42	941.77
		R.ft	51.35	287.13
b)	8"-10" (200mm-250 mm) size	R.M	252.64	2,256.81
		R.ft	77.02	688.05
c)	Item same as above except moulded steel door frame manufactured from zinc coated mild steel 18 gauge sheets instead of 16 gauge		-	-
i)	4.5"-5" (113.5mm-125 mm) size	R.M	168.42	1,721.34
		R.ft	51.35	524.80
ii)	8"-10" (200mm-250 mm) size	R.M	252.64	2,175.65
		R.ft	77.02	663.31
iii)	12"-14" (300mm-350 mm) size	R.M	252.64	4,431.66
		R.ft	77.02	1,351.12
28-41	Providing and fixing fully glazed Aluminium swing doors 2.0mm of anodized Champagne or approved color (12 microns) or any approved section including Aluminium fittings, hungs, cutting holes and making good damages to walls.	Sq.m	3,112.67	24,563.57
		Sq.ft	289.18	2,282.03
28-42	Providing and fixing fully glazed Aluminium sliding doors 1.6mm of anodized Champagne (12 microns) or approved color including Aluminium fittings, hungs, cutting holes and making good damages to walls.	Sq.m	3,112.67	22,674.03
		Sq.ft	289.18	2,106.49
28-43	Providing and fixing fully glazed aluminium sliding doors (Deluxe model- 1.6mm) of anodized Champagne or approved color of Alcop, Pakistan Cable or any approved section including Aluminium fittings, hungs, cutting holes and making good damages to walls.	Sq.m	3,112.67	25,316.79
		Sq.ft	289.18	2,352.01
28-44	Small iron work such as gusset plates knees, bends, stirrups, straps, rings including cutting, drilling, rivetting, handling assembling etc. but excluding erection in position.	Kg	75.23	387.38
28-45	Fabrication of heavy steel work with angle, tees, flat iron, round iron and sheet iron for making trusses, girders, tanks etc. including cutting, drilling riveting, handling, assembling and fixing but excluding erection in position.	Kg	73.47	380.63
28-46	Erection and fixing in position iron trusses and staging of water tank.	Kg	-	7.31
28-47	Providing and fixing steel grated single leaf door with locking arrangement, angle iron 2" x 2" x 3/8" frame, middle strip, 1/4" thick gusset plate 3" x 3" at each edge and 3/4" M.S square or round bars at 4" c/c including two coats of red oxide paint.		-	-

28 Iron Steel Aluminium (P/5)

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	a) M.S. sq. bars 5/8" (16 mm) size	R.M	529.00	5,412.94
		R.ft	161.28	1,650.29
	b) M.S round bars 5/8" (16 mm) dia	R.M	529.00	4,599.40
		R.ft	161.28	1,402.26
28-56	Providing and fixing M.S angle iron 1/1/2" x1/1/2" x1/4" edge protector nozing for steps of stairs having hold fast of 1/4" dia M.S. bars 6" long welded at 10" c/c or 3 Nos. in each step and embeded in cement concrete on steps.	R.M	215.40	1,047.06
28-57	Providing and fixing G.I. wire gauze 24 SWG (1.06mm), 2.1mm x 2.1mm mesh fixed with flat iron 1/2"x1/8" at 15" c/c and screwed at 6" c/c to steel windows, doors and grill including painting.	R.ft	65.67	319.23
		Sq.m	644.95	5,647.35
28-58	Providing & fixing steel windows with openable glazed panels using beam section for frame 1.5"x1"x5/8"x1/8" z-section for leave 3/4"x1"x3/4"x1/8" T-section sashes 1"x1"x1/8" glass panes, wooden screws for glazing embedded over a thin layer of putty duty screwed with leave with fittings of approved make including cost of painting, hold fast, fabrication, cutting holes as per approved design.	Sq.ft	59.92	524.66
	a) Without wire gauze			
i)	With glass 3 mm thick	Sq.m	1,824.49	15,008.07
		Sq.ft	169.50	1,394.30
ii)	With glass 5 mm thick	Sq.m	1,824.49	16,087.09
		Sq.ft	169.50	1,494.54
iii)	With glass 6 mm thick	Sq.m	1,824.49	16,051.60
		Sq.ft	169.50	1,491.24
b)	With G.I. wire gauze 22 gauge - 12 mesh			
i)	Glass 3 mm thick	Sq.m	2,378.29	19,424.27
		Sq.ft	220.95	1,804.58
ii)	Glass 5 mm thick	Sq.m	2,378.29	21,967.10
		Sq.ft	220.95	2,040.81
iii)	Glass pane 6 mm thick	Sq.m	2,378.29	21,931.62
		Sq.ft	220.95	2,037.52
28-59	Providing and fixing angle iron railing using 2.5"x 2.5"x 3/8" angle iron post 5 ft long and 5 ft. apart with 2.5"x 2.5"x 3/8" angle iron top railing and two rows of M.S. flat 2.5"x 1/4" including fixing side of bridge/structure with 3/4" dia. U bolts and painting.	R.M	556.13	8,575.31
28-60	Providing and fixing barbed wire fencing comprising 1.5"x 1.5"x 3/16" angle iron post 3 ft long, 4 ft c/c embeded in cement concrete 1:4:8 base of 9"x 9"x 12" size with three rows of barbed wire 6" c/c including binding wire and painting of posts.	R.ft	169.55	2,614.43
	a) Barbed wire 2 ply, 14 guage (1.8 mm) thick	R.M	120.97	1,011.39
		R.ft	36.88	308.35
b)	Barbed wire 3 ply, 12 gauge (2.17 mm) thick	R.M	120.97	1,052.48
		R.ft	36.88	320.88
28-61	Providing and fixing barbed wire fencing around compound wall comprising 1.5"x 1.5"x 3/16" angle iron posts 3 ft long and 4ft apart embeded in cement concrete 1:4:8 base of 6"x 6"x 9" size and 4 rows of 2 ply, 14 gauge barbed wire 6" c/c including binding wire and nainting of posts.	R.M	123.53	1,007.52
28-62	Providing and fixing barbed wire fencing with 4 horizontal and 2 cross wires with R.C.C. posts 5'- 6"x 6"x 9", 8.25 ft c/c reinforced with 4 No. 3/8" dia. vertical bars and 1/8" dia. stirrups at 12" c/c.	R.ft	37.66	307.17
	a) Without cement concrete base			
i)	Barbed wire 2 ply, 14 guage (1.8 mm) thick	R.M	263.60	1,127.65
		R.ft	80.36	343.80
ii)	Barbed wire 3 ply, 14 gauge (1.8 mm) thick	R.M	263.60	1,272.44
		R.ft	80.36	387.94
iii)	Barbed wire 2 ply, 12 gauge (2.17 mm) thick	R.M	263.60	1,163.97
		R.ft	80.36	354.87
iii)	Barbed wire 3 ply, 12 gauge (2.17 mm) thick	R.M	263.60	1,338.53
		R.ft	80.36	408.09

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
	b) With 1 : 4 : 8 cement concrete base of 12" x12" x 21" size		-	-
	i) Barbed wire 2 ply, 14 guage (1.8 mm) thick	R.M	263.60	1,275.34
		R.ft	80.36	388.82
	ii) Barbed wire 3 ply, 14 gauge (1.8 mm) thick	R.M	263.60	1,420.12
		R.ft	80.36	432.96
	iii) Barbed wire 2 ply, 12 gauge (2.17 mm) thick	R.M	263.60	1,311.65
		R.ft	80.36	399.89
	iii) Barbed wire 3 ply, 12 gauge (2.17 mm) thick	R.M	263.60	1,486.21
		R.ft	80.36	453.11
28-63	Providing and fixing barbed wire fencing with 4 horizontal and 2 cross wires fixed with 7'x9"x9" R.C.C.1:2:4 posts at 100 ft (30m) c/c, stiffening posts 7'x6"x6" at 50 ft (15m) interval and intermediate post 7'x5"x5" at 8.25 ft (2.5m) vertical bars in straining and sifftening posts to be 4 Nos. 3/8" dia, stirrups for all posts to be 1/4" dia at at 12" c/c including cost of eye bolts, washers and steel reinforcement and its fabrication and nlarine			
	a) Without cement concrete base		-	-
	i) Barbed wire 2 ply, 14 guage (1.8 mm) thick	R.M	327.42	1,684.71
		R.ft	99.82	513.63
	ii) Barbed wire 3 ply, 14 gauge (1.8 mm) thick	R.M	327.42	1,840.01
		R.ft	99.82	560.98
	iii) Barbed wire 2 ply, 12 gauge (2.17 mm) thick	R.M	327.42	1,723.66
		R.ft	99.82	525.51
	iii) Barbed wire 3 ply, 12 gauge (2.17 mm) thick	R.M	327.42	1,910.89
		R.ft	99.82	582.59
	b) With 1 : 4 : 8 cement concrete base of 12" x12" x 21" size			
	i) Barbed wire 2 ply, 14 guage (1.8 mm) thick	R.M	327.42	1,894.17
		R.ft	99.82	577.49
	ii) Barbed wire 3 ply, 14 gauge (1.8 mm) thick	R.M	327.42	2,049.46
		R.ft	99.82	624.84
	iii) Barbed wire 2 ply, 12 gauge (2.17 mm) thick	R.M	327.42	1,933.11
		R.ft	99.82	589.36
	iii) Barbed wire 3 ply, 12 gauge (2.17 mm) thick	R.M	327.42	2,120.35
		R.ft	99.82	646.45
28-64	Providing and fixing steel windows with openable glazed pannels using 2"x 1.5" x1/8" M.S pipe for frame, 3/4"x1"x3/4"x1/8" Z section for leaves, 1"x1"x1/8" T-section sashes. The cost of wire gauze, glass panes and painting is not included.	Sq.m	1,207.81	14,573.92
		Sq.ft	112.21	1,353.96
28-65	Extra on all aluminium works on respective items if powdered coated colored aluminium is used	%	-	7.50%
28-66	Steel work in built up tubular trusses including cutting, hoisting fixing in position and applying a priming coat of approved steel primer, welded and bolted including special shaped washers etc. complete in all respect as directed by the Engineer Incharge.			
	a) Hot finished welded type tubes	Kg	66.39	172.05
	b) Hot finished seamless type tubes	Kg	66.39	182.62
28-67	Add extra for respective payable item above ground floor		-	-
	a) For first floor	%	-	10%
	b) For every additional floor above first floor	%	-	7.50%
28-68	Provide and fix balli fencing posts embedded in concrete and coaltaring embedded portion but excluding the cost of excavation and concrete.		-	-
	a) 4" (100 mm) dia.	R.M	32.81	148.37
		R.ft	10.00	45.23
	b) 3" (75 mm) dia.	R.M	28.78	116.78
		R.ft	8.77	35.60
28-69	Providing and fixing brass grill railing of approved pattern and design including fixing with brass screws and polishing.	Kg	73.56	1,204.95
28-70	Providing and fixing aluminium angle in corners with rawl plugs and aluminium screws.		-	-
	a) 1" x 1" x 1/8" size	R.M	90.15	298.23
		R.ft	27.48	90.92

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
28-71	b) 1.5" x 1.5" x 1/8" size Providing and fixing aluminium strip with aluminium screws.	R.M	189.31	529.22
		R.ft	57.72	161.35
	a) 1" x 1/8" size strip	R.M	45.07	280.06
		R.ft	13.74	85.38
	b) 1.5" x 1/8" size strip	R.M	50.08	204.35
		R.ft	15.27	62.30
28-72	a) Providing and fixing 6" (150 mm) dia wind catcher of G.I. sheet 22 gauge (1.22 mm) of approved shape and design including the cost of wire gauze covering and bottom ring.	R.M	520.45	4,176.31
		R.ft	158.67	1,273.26
	b) Extra for every additional 25mm (1") dia over item No. 28-72(a).	R.M	29.52	864.68
		R.ft	9.00	263.62
28-73	Providing and fixing 6" (150 mm) dia. C.I. pipe wind catcher of approved shape and design including the cost of wire gauze covering and bottom ring.	Kg	10.42	103.38
28-74	Providing and fixing aluminium sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken aluminium screws of required size.	Sq.m	92.97	7,055.18
		Sq.ft	8.64	655.45
28-75	Providing and fixing G.I. sheet of 22 gauge (1.15 mm) thick on wooden surface with sunken G.I. screws of required size.	Sq.m	92.97	2,923.58
		Sq.ft	8.64	271.61
28-76	Providing and installing M.S. spiral stair case with central post, railing and braces at required interval including two coats of paint but excluding the cost of cement concrete work in base.		-	-
	a) 5 ft. (1.5 m) dia.	Kg	415.20	5,613.60
	b) 6 ft. (1.8 m) dia.	Kg	415.20	740.10
28-77	Providing and laying aluminium strips of any section in floor of any description.	R.M	60.63	314.84
		R.ft	18.49	95.99
28-78	Providing and fixing aluminium ribbed nosing to treads of required section with aluminium lugs fixed with aluminium screws and rawl plugs.	R.M	197.06	2,301.49
		R.ft	60.08	701.67
28-79	Providing and fixing flat iron ribbed nosing to treads of required sections with iron lugs fixed with screws and rawl plugs.	R.M	197.06	266.01
		R.ft	60.08	81.10
28-80	Providing and fixing brass ribbed nosing to treads of approved sections with iron lugs fixed with brass screws and rawl plugs.	R.M	197.06	1,982.58
		R.ft	60.08	604.44
28-81	Fixing enamelled iron gauzes flush with masonry including cost of hooks.	R.M	298.27	2,080.12
		R.ft	90.94	634.18
28-82	Providing and fixing 2'-9" high Stair hand railing comprising of 2½" dia 16 gauge S.S pipe hand rail fixed with 2½" dia pipe blusters at specified distance fixed at top of steps with expansion bolts, 2 Nos. of 16 gauge 1" dia S.S pipes horizontally fixed with blusters, Complete in all respects.	R.M	304.65	9,992.12
		R.ft	92.88	3,046.38
28-83	a) Providing and fixing Fibre Glass Window Shades 3 ft wide using 1.5 mm Fibre Glass with 1"x1" 16 gauge sq. as approved by Engineer incharge including iron lugs, cutting holes and making good the damages to walls.	Sq.m	439.96	7,141.29
		Sq.ft	40.87	663.45
	b) Providing and fixing Fibre Glass Window Shades 3 ft wide using 2.0 mm Decorative Fibre Glass with 1"x1" 16 gauge sq. as approved by Engineer incharge including iron lugs, cutting holes and making good the damages to walls.	Sq.m	439.96	8,471.23
		Sq.ft	40.87	787.00
28-84	Providing and fixing fully double glazed aluminium windows (Deluxe model) of anodized Champagne or approved color of Alcop, Pakistan Cable or any approved section including Aluminium fittings, hungs, cutting holes and making good damages to walls including 5 mm thick tinted tempered glass.	Sq.m	2,206.57	4,926.97
		Sq.ft	205.00	457.73

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
28-85	Providing and fixing GI Razor wire fencing with 4 horizontal wires Spiral Type 12 SWG Sprial Wire and 26 SWG Lipping Blade 3" Pitch with four Horizontal Wire 20 SWG.		-	-
a) Single		R.M	107.29	2,380.33
		R.ft	32.71	725.71
b) Double		R.M	214.58	4,760.66
		R.ft	65.42	1,451.42
28-86	Street Electric Pole with/ without Base Dia, Top Dia, Thickness etc. as per given drawing or as directed by Engineer-in-Charge, Galvanized excluding Civil Works	Kg	55.65	834.33
28-87	Aluminium Louvers 50 mm in Depth and 1.3 mm thick, Supported by 2mm Thick 75 mm x 70 mm Square Aluminium Frame, Complete in all respect.	Sq.m	1,563.07	18,510.07
		Sq.ft	145.21	1,719.64
28-88	Providing and fixing 12 mm tempered Glass Door and partition wall supported by Stainless Steel brackets and Door supported by Floor mounted Hinges Dorma or equivalent . Aluminium Bottom and Top rail along including door Handles cutting holes cost of fabrication and making good the damages to walls.	Sq.m	1,245.49	13,487.18
		Sq.ft	115.71	1,253.00
28-89	Providing and Fixing including Galvanising & Manufacturing Guard Rail including 3 mm Steel Beam, Post, Reflector, Bolts and Nuts erecting in position excluding Civil Works	R.M	633.60	10,061.04
		R.ft	193.17	3,067.39

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 29

HORTICULTURE AND DRIP IRRIGATION

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
29-1	Rough dressing of the area for lawn including picking stones, pebbles, stubble, grass roots and other injurious matters and breaking of clods including disposal of rubbish within 300 ft (90m or 3 chains).	Sq.m	33.60	33.60
		Sq.ft	3.12	3.12
29-2	Supplying and stacking well decayed cowdung manure from approved source including all leads and lifts.	Cu.m	-	147.60
		Cu.ft	-	4.18
29-3	Spreading cowdung manure and mixing the same upto a depth of 4" (100mm) in the prepared bed including breaking clods, dressing for grassing including disposal of rubbish upto 300 ft (90 m or 3chains).	Cu.m	252.00	252.00
		Cu.ft	7.14	7.14
29-4	Supplying and stacking well decayed sewage manure from approved source including all leads and lifts.	Cu.m	-	513.60
		Cu.ft	-	14.54
29-5	Spreading sewage manure in uniform thickness in the prepared bed including mixing with original soil upto and depth including breaking clods and dressing for grassing including disposal of rubbish upto 300ft. (90m. or 3 chain)	Cu.m	210.00	210.00
		Cu.ft	5.95	5.95
29-6	Supplying and stacking approved garden soil (sweet earth) free from salts, pebbles and grass roots including all leads and lifts.	Cu.m	-	1,860.00
		Cu.ft	-	52.67
29-7	Spreading approved garden soil (sweet earth) in uniform thickness including mixing and breaking clods and dressing for grassing including disposal of rubbish within 300 ft. (90m or 3 chains).	Cu.m	210.00	210.00
		Cu.ft	5.95	5.95
29-8	Supplying and stacking approved quality sand free from salts, pebbles, grass roots including all leads and lifts.	Cu.m	-	1,539.60
		Cu.ft	-	43.60
29-9	Dressing upto depth of 4" (100 mm) and preparing the bed for final finishing including sprinkling water, raking and rubbing.	Cu.m	504.00	504.00
		Cu.ft	14.27	14.27
29-10	Spreading approved quality sand uniform thickness and mixing the sand, breaking clods, and dressing for grassing including disposal of rubbish within 300 ft (90m. or 3 chains).	Sq.m	126.00	126.00
		Sq.ft	11.71	11.71
29-11 a)	Supplying and fixing of approved quality live local grass in shape of grass mats	Sq.m	-	813.60
		Sq.ft	-	75.59
b)	Supplying and fixing of approved quality live Korean grass in shape of grass mats	Sq.m	-	361.54
		Sq.ft	-	33.59
29-12 a)	Providng and fixing of Grassing by dibbing live Dhakka grass roots 3" (75 mm) apart including watering, weeding till such time the grass is set and becomes green and is fit for mowing (2kg for 1Sq. Ft. area).	Sq.m	134.40	138.65
		Sq.ft	12.49	12.88
b)	Providng and fixing of Grassing by dibbing live Korean grass roots 3" (75 mm) apart including watering, weeding till such time the grass is set and becomes green and is fit for mowing (2kg for 1Sq. Ft. area).	Sq.m	134.40	139.25
		Sq.ft	12.49	12.94
29-13	Supplying stone boulders of approved size and shape including all leads and lifts.			
a)	Stone boulder 9" (230 mm) size	Cu.m	-	208.80
		Cu.ft	-	5.91
b)	Stone boulder 6" (150 mm) size	Cu.m	-	201.60
		Cu.ft	-	5.71
c)	Stone boulder 3" to 4" (75mm to 100mm) size	Cu.m	-	195.60
		Cu.ft	-	5.54
29-14	Providing and fixing perforated standard bitumen drums for tree gaurds of approved design including painting in black and white.	Each	-	3,659.10

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
29-15	Providing and fixing 2" (50 mm) thick R.C.C. tree guards 48" x 30" x 30" (1.2 m x 0.75 m x 0.75 m) clear as per approved design and drawings including the cost of reinforcement and 3 coats of white washing	Each	1,260.00	6,176.85
29-16	Providing and fixing 1:3:6 cement concrete solid block masonry 6" (150mm) thick honey combed, in tree guards average 5 ft (1.5 m) dia & 5 ft (1.5 m) high including foundation set in 1:6 cement sand mortar including curing and 3 coats of white washing (outside) as per approved design and drawings.	Each	840.00	2,805.01
29-17	Providing and fixing first class burnt brick 4.5" (114 mm) thick masonry honey combed in tree guards average 5 ft (1.5 m) dia and 5 ft (1.5m) high including foundation set in 1:6 cement mortar including curing and 3 coats of white washing (outside) as per approved design and drawings.	Each	672.00	3,738.45
29-18	Supplying and fixing 48" x 30" x 30" (1.2m x 0.75m x 0.75m clear size frame in approved design and drawings of angle iron 18" x 18" x 1/4" (38mm x 38mm x 6mm) including painting and barbed wire in tree guards of required shape.	Each	846.00	10,139.02
29-19	Providing and fixing 48" x 30" x 30" (1.2m x 0.75m x 0.75m) clear size frame in approved design and drawings of shisham wood 2"x2" (50mm x 50mm) posts and frame with barbed wire in tree guards of required shape.	Each	612.00	13,531.98
29-20-1	Providing and fixing G.I. barbed wire 2 ply, 14 Guage fencing with two to four points to the posts of any description with hooks and binding wire excluding cost of posts.	Kg.	139.20	426.00
29-21	Providing, laying, cutting, jointing, testing and disinfecting PVC pipes confirming to BSS-3505/PS-3051 complete in all respects.		-	-
	a) PVC Pipe, 6 inches Dia, B-Class	R.M	17.28	1,322.76
		R.ft	5.27	403.28
	b) PVC Pipe, 5 inches Dia, B-Class	R.M	17.28	976.38
		R.ft	5.27	297.68
	c) PVC Pipe, 4 inches Dia, B-Class	R.M	17.28	854.94
		R.ft	5.27	260.65
	d) PVC Pipe, 3 inches Dia, B-Class	R.M	17.28	676.92
		R.ft	5.27	206.38
	e) PVC Pipe, 2.5 inches Dia, C-Class	R.M	17.28	523.74
		R.ft	5.27	159.68
	f) PVC Pipe, 2 inches Dia, C-Class	R.M	17.28	516.84
		R.ft	5.27	157.57
	g) PVC Pipe, 1.5 inches Dia, D-Class	R.M	17.28	394.02
		R.ft	5.27	120.13
	h) PVC Pipe, 1.25 inches Dia, D-Class	R.M	17.28	369.18
		R.ft	5.27	112.55
29-22	Providing, laying, cutting, jointing, testing and disinfecting PVC pipes confirming to ISO-4422 complete in all respects.		-	-
	a) PVC Pipe, 25 mm Dia, PN-6	R.M	17.28	269.82
		R.ft	5.27	82.26
	b) PVC Pipe, 32 mm Dia, PN-6	R.M	17.28	345.72
		R.ft	5.27	105.40
	c) PVC Pipe, 40 mm Dia, PN-6	R.M	17.28	469.92
		R.ft	5.27	143.27
	d) PVC Pipe, 50 mm Dia, PN-6	R.M	17.28	489.24
		R.ft	5.27	149.16
	e) PVC Pipe, 63 mm Dia, PN-6	R.M	17.28	559.62
		R.ft	5.27	170.62
	f) PVC Pipe, 75 mm Dia, PN-6	R.M	17.28	607.92
		R.ft	5.27	185.34
	g) PVC Pipe, 90 mm Dia, PN-6	R.M	17.28	663.12
		R.ft	5.27	202.17
	h) PVC Pipe, 110 mm Dia, PN-6	R.M	17.28	781.80

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
29-23	i) PVC Pipe, 140 mm Dia, PN-6	R.ft	5.27	238.35
		R.M	17.28	962.58
	j) PVC Pipe, 160 mm Dia, PN-6	R.ft	5.27	293.47
		R.M	17.28	1,148.88
		R.ft	5.27	350.27
	Providing, laying, cutting, jointing, testing and disinfecting PE pipes confirming to ISO-4427 complete in all respects.		-	-
	a) PE Pipe, 110 mm Dia, PN-8	R.M	34.56	832.20
		R.ft	10.54	253.72
	b) PE Pipe, 90 mm Dia, PN-8	R.M	34.56	797.70
		R.ft	10.54	243.20
29-24	c) PE Pipe, 75 mm Dic, PN-8	R.M	34.56	705.24
		R.ft	10.54	215.01
	d) PE Pipe, 63 mm Dia, PN-8	R.M	34.56	542.40
		R.ft	10.54	165.37
	e) PE Pipe, 50 mm Dia, PN-8	R.M	34.56	409.92
		R.ft	10.54	124.98
	f) PE Pipe, 40 mm Dia, PN-8	R.M	34.56	322.98
		R.ft	10.54	98.47
	Providing, laying, cutting, jointing, testing and disinfecting PE pipes confirming to ISO-4427 complete in all respects.		-	-
	a) PE Pipe, 110 mm Dia, PN-10	R.M	34.56	550.68
29-25		R.ft	10.54	167.89
	b) PE Pipe, 90 mm Dia, PN-10	R.M	34.56	913.62
		R.ft	10.54	278.54
	c) PE Pipe, 75 mm Dic, PN-10	R.M	34.56	794.94
		R.ft	10.54	242.36
	d) PE Pipe, 63 mm Dia, PN-10	R.M	34.56	712.14
		R.ft	10.54	217.12
	e) PE Pipe, 63 mm Dia, PN-10	R.M	34.56	712.14
		R.ft	10.54	217.12
	f) PE Pipe, 50 mm Dia, PN-10	R.M	34.56	565.86
29-26		R.ft	10.54	172.52
	g) PE Pipe, 40 mm Dia, PN-10	R.M	34.56	419.58
		R.ft	10.54	127.92
	Providing and fixing at site Sand Media/ Gravel Filter confirming to ISO 9912 Imported or approved equivalent (similar specifications), complete in all respects.		-	-
	a) Discharge Capacity 10 m3/hr	Nos.	1,332.00	107,732.40
	b) Discharge Capacity 20 m3/hr	Nos.	1,296.00	110,175.60
	c) Dischcrge Ccpccity 25 m3/hr	Nos.	1,296.00	139,174.80
	d) Discharge Capacity 30 m3/hr	Nos.	1,296.00	147,855.60
	e) Discharge Capacity 35 m3/hr	Nos.	1,296.00	158,376.00
	f) Discharge Capacity 40 m3/hr	Nos.	1,296.00	171,536.40
29-26	g) Discharge Capacity 45 m3/hr	Nos.	1,296.00	182,295.60
	h) Discharge Capacity 50 m3/hr	Nos.	1,296.00	215,496.00
	i) Discharge Capacity 60 m3/hr	Nos.	1,296.00	213,096.00
	Providing and fixing at site Disc Filter, confirming to ISO 9912 Imported or approved equivalent (similar specifications), complete in all respects.		-	-
	a) Discharge Capacity 15 m3/hr	Nos.	1,296.00	29,295.60
	b) Discharge Capacity 20 m3/hr	Nos.	1,296.00	40,472.40
	c) Dischcrge Ccpccity 25 m3/hr	Nos.	1,296.00	52,896.00
	d) Discharge Capacity 30 m3/hr	Nos.	1,296.00	52,656.00
	e) Discharge Capacity 35 m3/hr	Nos.	1,296.00	59,888.40
	f) Discharge Capacity 40 m3/hr	Nos.	1,296.00	61,496.40
	g) Discharge Capacity 45 m3/hr	Nos.	1,296.00	65,096.40

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
29-27	h) Discharge Capacity 50 m3/hr	Nos.	1,296.00	67,971.60
	i) Discharge Capacity 60 m3/hr	Nos.	1,296.00	71,655.60
	Providing and fixing at site Screen Filter, confirming to ISO 9912 Imported or approved equivalent (similar specifications), complete in all respects.		-	-
	a) Discharge Capacity 15 m3/hr	Nos.	1,296.00	10,496.40
	b) Discharge Capacity 20 m3/hr	Nos.	1,296.00	11,196.00
	c) Discharge Capacity 25 m3/hr	Nos.	1,296.00	14,456.40
	d) Discharge Capacity 30 m3/hr	Nos.	1,296.00	18,615.60
29-28	e) Discharge Capacity 35 m3/hr	Nos.	1,296.00	23,496.00
	f) Discharge Capacity 40 m3/hr	Nos.	1,296.00	31,095.60
	Providing and fixing at site Semi Automatic Cleaning/ Screening Filter, confirming to ISO 9912 Imported or approved equivalent (similar specifications), complete in all respects.		-	-
	a) Discharge Capacity 15 m3/hr	Nos.	1,296.00	17,496.00
	b) Discharge Capacity 20 m3/hr	Nos.	1,296.00	19,656.00
	c) Discharge Capacity 25 m3/hr	Nos.	1,296.00	22,896.00
	d) Discharge Capacity 30 m3/hr	Nos.	1,296.00	25,296.00
29-29	e) Discharge Capacity 35 m3/hr	Nos.	1,296.00	26,496.00
	Providing and fixing at site Hydrocyclone Filter, confirming to ISO 9912 Imported or approved equivalent (similar specifications), complete in all respects.		-	-
	a) Discharge Capacity 15 m3/hr		1,296.00	49,296.00
	b) Discharge Capacity 20 m3/hr	Nos.	1,296.00	54,848.40
	c) Discharge Capacity 25 m3/hr	Nos.	1,296.00	57,896.40
	d) Discharge Capacity 30 m3/hr	Nos.	1,296.00	60,255.60
	e) Discharge Capacity 35 m3/hr	Nos.	1,296.00	63,536.40
29-30	f) Discharge Capacity 40 m3/hr	Nos.	1,296.00	67,939.20
	g) Discharge Capacity 45 m3/hr	Nos.	1,296.00	77,068.80
	h) Discharge Capacity 50 m3/hr	Nos.	1,296.00	80,256.00
	i) Discharge Capacity 80 m3/hr	Nos.	1,296.00	88,575.60
	Providing and fixing at site Ventury Assembly, confirming to ISO 15873 Imported or approved equivalent (similar specifications), complete in all respects.		-	-
	a) Ventury Assembly, 1"	Nos.	576.00	7,215.60
	b) Ventury Assembly, 1.5"	Nos.	576.00	13,296.00
29-31	c) Ventury Assembly, 2"	Nos.	576.00	17,976.00
	Providing at and fixing site Fertilizer Tank, confirming to ISO standard, Imported or approved equivalent (similar specifications), complete in all respects.		-	-
	a) Fertilizer Tank, 30 Litres	Nos.	576.00	15,776.40
	b) Fertilizer Tank, 60 Litres	Nos.	576.00	27,135.60
	c) Fertilizer Tank, 90 Litres	Nos.	576.00	28,496.40
	d) Fertilizer Tank, 120 Litres	Nos.	576.00	28,976.40
	e) Fertilizer Tank, 150 Litres	Nos.	576.00	40,616.40
29-32	f) Fertilizer Tank, 200 Litres	Nos.	576.00	41,535.60
	Providing and fixing at site Integrated Drip Line, confirming to ISO- 8779, Imported or approved equivalent (similar specifications), complete in all respects.		-	-
	a) Drip Line Plain, 12 mm (Wall Thickness 1mm)	R.M	17.28	47.64
		R.ft	5.27	14.52
	b) Drip Line Plain, 15 mm (Wall Thickness 1mm)	R.M	17.28	54.54
		R.ft	5.27	16.63
	c) Drip Line Plain, 16 mm (Wall Thickness 1mm)	R.M	17.28	57.30
		R.ft	5.27	17.47
	d) Drip Line Plain, 20 mm (Wall Thickness 1.5mm)	R.M	17.28	64.20

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
e)	Drip Line Plain, 25 mm (Wall Thickness 1.5mm)	R.M	17.28	108.36
		R.ft	5.27	33.04
f)	Drip Line Plain, 32 mm (Wall Thickness 2.0mm)	R.M	17.28	169.08
		R.ft	5.27	51.55
29-33	Providing and fixing at site Integrated Drip Line 16 mm thickness, comfirming to ISO- 9261, Imported or approved equivalent (similar specifications), complete in all respects.		-	-
a)	Emitter spacing at 0.20 m	R.M	17.28	116.64
		R.ft	5.27	35.56
b)	Emitter spacing at 0.30 m	R.M	17.28	130.44
		R.ft	5.27	39.77
c)	Emitter spccing ct 0.40 m	R.M	17.28	137.34
		R.ft	5.27	41.87
d)	Emitter spacing at 0.50 m	R.M	17.28	116.64
		R.ft	5.27	35.56
e)	Emitter spacing at 0.60 m	R.M	17.28	137.34
		R.ft	5.27	41.87
29-34	Providing and fixing at site Integrated Drip Line 20mm thickness, comfirming to ISO- 9261, Imported or approved equivalent (similar specifications), complete in all respects.		-	-
a)	Emitter spacing at 0.20 m	R.M	17.28	49.68
		R.ft	5.27	15.15
b)	Emitter spacing at 0.30 m	R.M	17.28	49.68
		R.ft	5.27	15.15
c)	Emitter spccing ct 0.40 m	R.M	17.28	49.68
		R.ft	5.27	15.15
d)	Emitter spacing at 0.50 m	R.M	17.28	49.68
		R.ft	5.27	15.15
e)	Emitter spacing at 0.60 m	R.M	17.28	49.68
		R.ft	5.27	15.15
29-35	Providing and fixing at site Drippers, comfirming to ISO- 926, Imported or approved equivalent (similar specifications), complete in all respects.		-	-
a)	20 Litres per Hours	Nos.	17.28	37.68
b)	24 Litres per Hours	Nos.	17.28	46.08
c)	40 Litres per Hours	Nos.	17.28	43.68
d)	70 Litres per Hours	Nos.	17.28	52.08
e)	80 Litres per Hours	Nos.	17.28	52.08
29-36	Providing at site Drippers, comfirming to ISO- 926, Imported or approved equivalent (similar specifications), complete in all respects.		-	-
a)	20 Litres per Hours	Nos.	17.28	37.68
b)	25 Litres per Hours	Nos.	17.28	46.08
c)	40 Litres per Hours	Nos.	17.28	43.68
d)	80 Litres per Hours	Nos.	17.28	52.08
29-37	Providing and installing PreCast Parabolic Segments (PCPS) for lining of Watercourses as per drawings and with concrete mix ratio of 1:1:2, compacted on vibrating table, curing (Pond) for 28 days in the manufacturing yard, transporting from yard to field, laying/ installing at sites as per engineering design nd slope, ensuring proper jointing of male female ends and filling joints with 1:3 cement sand mortor and finally compacted backfilling along bothsides as per dimensions indicated on drawings and to the full satisfaction of Engineer in charge.		-	-
a)	Precast Water Channel (PCPL) (14 x 9)	R.M	546.00	2,643.60
		R.ft	166.46	805.98
b)	Precast Water Channel (PCPL) (18 x 12)	R.M	546.00	3,168.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
c)	Precast Water Channel (PCPL) (24 x 18)	R.ft	166.46	965.85
		R.M	945.00	5,085.00
d)	Precast Water Channel (PCPL) (24 x 14)	R.ft	288.11	1,550.30
		R.M	945.00	3,981.00
e)	Precast Water Channel (PCPL) (27 x 18)	R.ft	288.11	1,213.72
		R.M	945.00	5,223.00
f)	Precast Water Channel (PCPL) (30 x 21)	R.ft	288.11	1,592.38
		R.M	945.00	6,879.00
g)	Precast Water Channel (PCPL) (36 x 24)	R.ft	288.11	2,097.26
		R.M	945.00	8,231.40
h)	Precast Water Channel (PCPL) (45 x 27)	R.ft	288.11	2,509.57
		R.M	1,260.00	9,126.00
i)	Precast Naka Structure 12"	R.ft	384.15	2,782.32
		R.M	1,260.00	2,111.46
j)	Precast Naka Structure 15"	R.ft	384.15	643.74
		R.M	157.50	1,265.64
k)	Precast Naka Structure 18"	R.ft	48.02	385.87
		R.M	315.00	1,695.00
l)	Precast Naka Structure 20"	R.ft	96.04	516.77
		R.M	315.00	2,380.86
m)	Precast Naka Structure 24"	R.ft	96.04	725.87
		R.M	472.50	3,232.50
		R.ft	144.05	985.52

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 30

ELECTRICAL INSTALLATIONS

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
30-1	Light circuit concealed/open wiring with length upto 75 ft. (25m) from distribution board to point/switch with 3x2.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables for offices/multi storeyed buildings.		-	-
a)	Concealed wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	912.00	10,857.00
b)	Open batten wiring with wooden batten and accessories such as clamps, nails, junction boxes etc.	Point	912.00	12,165.00
c)	Open pipe wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,596.00	11,541.00
d)	Light circuit concealed/open wiring with length upto 65 ft. (20m) from distribution board to point/switch with 3x2.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables for offices/multi storeyed buildings.	Point	1,596.00	19,317.00
30-2	Open pipe wiring with M.S. conduit and accessories such as bends, elbows, junction boxes etc.		-	-
a)	Concealed wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	729.60	8,685.60
b)	Open batten wiring with wooden batten and accessories such as clamps, nails, junction boxes etc.	Point	729.60	9,732.00
c)	Open pipe wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,276.80	9,232.80
d)	Open pipe wiring with M.S. conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,276.80	15,453.60
30-3	Concealed/open wiring from point to switch with length upto 30 ft. (10m) including any switch to switch wiring with 3x1.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables,		-	-
a)	Concealed wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,368.00	4,278.60
b)	Open batten wiring with wooden batten and accessories such as clamps, nails, junction boxes etc.	Point	1,368.00	4,404.00
c)	Open pipe wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,482.00	3,444.00
d)	Open pipe wiring with M.S. conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,482.00	6,352.80
30-4	Concealed/open wiring from point to point with length upto 10 ft. (3m) with 3x1.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables.		-	-
a)	Concealed wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	410.40	1,283.58
b)	Open batten wiring with wooden batten and accessories such as clamps, nails, junction boxes etc.	Point	410.40	1,321.20
c)	Open pipe wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	444.60	1,033.20
d)	Open pipe wiring with M.S. conduit and accessories such as bends, elbows, junction boxes etc.	Point	444.60	1,905.84
30-5	Description same as item 30- 3 but wiring for two-way light points such that one light point is controlled by two numbers two-way switches and length from switches to point is upto 30 ft. (10 m).		-	-
a)	Concealed wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,824.00	5,663.40
b)	Open batten wiring with wooden batten and accessories such as clamps, nails, junction boxes etc.	Point	1,824.00	10,404.00

	c) Open pipe wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,824.00	10,513.20
	d) Open pipe wiring with M.S. conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,824.00	14,787.60
30-6	Concealed/open wiring for two way light points such that two light points are controlled by 2 numbers two way switches and length from switches to point is upto 40 ft. (12.5 m) with 3x1.5Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables		-	-
	a) Concealed wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	2,052.00	7,607.16
	b) Open batten wiring with wooden batten and accessories such as clamps, nails, junction boxes etc.	Point	2,052.00	12,804.30
	c) Open pipe wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	2,052.00	12,940.80
	d) Open pipe wiring with M.S. conduit and accessories such as bends, elbows, junction boxes etc.	Point	2,052.00	18,283.80
30-7	Concealed/open wiring for two way light points such that three light points are controlled by 2 numbers two way switches and length from switches to point is upto 50 ft. (15m) with 3x1.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables		-	-
	a) Concealed wiring with 3/4" (20mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	2,508.00	9,190.50
	b) Open batten wiring with wooden batten and accessories such as clamps, nails, junction boxes etc.	Point	2,508.00	14,933.40
	c) Open pipe wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	2,508.00	15,097.20
	d) Open pipe wiring with M.S. conduit and accessories such as bends, elbows, junction boxes etc.	Point	2,508.00	21,508.80
30-8	Concealed/open wiring for 5 Amp. Socket outlets from nearest available circuit with a length upto 20 ft. (6m) with 3x1.5 Sq.mm PVC insulated single core copper conductor Pakistan Cables, Pioneer, Newage or approved equivalent cables		-	-
	a) Concealed wiring with 3/4" (20mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,140.00	3,358.32
	b) Open batten wiring with wooden batten and accessories such as clamps, nails, junction boxes etc.	Point	1,140.00	5,754.48
	c) Open pipe wiring with 3/4" (20 mm) dia. PVC conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,140.00	5,820.00
	d) Open pipe wiring with M.S. conduit and accessories such as bends, elbows, junction boxes etc.	Point	1,140.00	8,384.64
30-9	Wiring of 5 Amps. socket outlet with 4 sq.mm PVC insulated single core copper conductor cable including 3/4" (20mm) dia. PVC conduit, 8.7sq.mm (10SWG) copper wire as earth continuity conductor and wiring accessories such as bends, elbows, junction boxes etc.	R.M.	72.96	762.00
		R.ft	22.24	232.32
30-10	Description same as in Item 30- 9 but with 2.5 sq.mm PVC insulated single core copper conductor cable.	R.M.	72.96	550.32
30-11	Supply and install 1-gang, 5 Amp, 250 Volt,. plate type moulded switch including appropriate size plastic box to be fixed recessed in wall.	Unit	114.00	836.04
30-12	Description same as in Item 30-11 but with 2 gang switch.	Unit	152.00	897.80
30-13	Description same as in Item 30-11 but with 3 gang switch.	Unit	190.00	1,341.04
30-14	Description same as in Item 30-11 but with 4 gang switch.	Unit	228.00	1,548.00
30-15	Supply and installation of 5 Amp. 250 Volt, moulded, two-way single pole, flush mounting type light control single switch including appropriate size plastic box to be fixed recessed in wall.	Unit	190.00	2,746.84

30-16	Supply and install 5 Amp, 250 Volt moulded, one-way, single pole, flush mounting piano type light control switch on appropriate size plastic box to be fixed recessed in wall alongwith switch box and plate suitable for single switch on a common board.	No.	456.00	738.48
30-17	Supply and install 5 Amp, 250 Volt moulded, one-way, single pole, flush mounting piano type light control switch alongwith fan dimmers on appropriate size plastic box to be fixed recessed in wall alongwith switch box and plate suitable for upto 3 switches on a common board.	No.	912.00	1,284.24
30-18	Description same as in item 30-17 but upto 4 to 6 switches on a common board.	No.	684.00	1,168.44
30-19	Supply and install combined 2/3 pin 5 Amps, 250 Volt switch socket unit including plastic box to be fixed recessed in wall.	No.	228.00	1,732.44
30-20	Description same as in item 30-19 but 3 pin 15 Amps. switch socket unit.	No.	228.00	2,105.40
30-21	Supply and installation of 3/4" (20 mm) dia PVC concealed conduit including all accessories such as bends, elbows etc.	R.M.	54.72	167.98
		R.ft	16.68	51.21
30-22	Description same as in item 30-21 except 1" (25mm) dia PVC conduit.	R.M.	54.72	245.20
		R.ft	16.68	74.75
30-23	Description same as in item 30-21 except 1.25" (30mm) dia PVC conduit.	R.M.	63.84	384.73
		R.ft	19.46	117.30
30-24	Description same as in item 30-21 except 1.5" (40mm) dia PVC conduit.		63.84	525.44
		R.ft	19.46	160.20
30-25	Description same as in item 30-21 except 2" (50mm) dia PVC conduit.	R.M.	91.20	700.38
		R.ft	27.80	213.53
30-26	Supply and install 1.25" (30mm) dia G.I. pipe medium duty underground upto 36" (900mm) below finished surface for electric/communication service to the entrance to buildings.	R.M.	459.41	2,617.04
		R.ft	140.07	797.88
30-27	Description same as in item 30-26 but 2" (50 mm) dia. G.I. pipe.	R.M.	459.41	3,930.97
		R.ft	140.07	1,198.47
30-28	Description same as in item 30-26 but 4" (100 mm) dia. G.I. pipe.	R.M.	550.61	8,633.77
		R.ft	167.87	2,632.25
30-29	Description same as in item 30-26 but 6" (150 mm) dia. G.I. pipe.	R.M.	550.61	13,327.01
		R.ft	167.87	4,063.11
30-30	Description same as in item 30-26 but 3" (75 mm) dia. PVC pipe.	R.M.	459.41	1,362.08
		R.ft	140.07	415.27
30-31	Supply and install 1.25" (30mm) dia G.I. pipe medium duty underground upto 36" (900mm) below finished surface for electric communication service to the entrance to buildings, 4" (100 mm) dia. PVC pipe.	R.M.	459.41	1,635.75
		R.ft	140.07	498.70
30-32	Supply and install 2.5 sq.mm PVC insulated single core 600/1000V.cable with copper conductor in already concealed PVC conduit.	R.M.	18.24	148.52
		R.ft	5.56	45.28
30-33	Description same as in item 30- 32 but 4.0 sq.mm cable.	R.M.	18.24	216.44
		R.ft	5.56	65.99
30-34	Description same as in item 30- 32 but 6 sq.mm cable.	R.M.	18.24	306.53
		R.ft	5.56	93.45
30-35	Description same as in item 30- 32 but 10 sq.mm cable.	R.M.	27.36	508.30
		R.ft	8.34	154.97
30-36	Description same as in item 30- 32 but 16 sq.mm cable.	R.M.	27.36	730.06
		R.ft	8.34	222.58
30-37	Description same as in item 30- 32 but 25 sq.mm cable.	R.M.	36.48	1,146.67
		R.ft	11.12	349.59
30-38	Description same as in item 30- 32 but 35 sq.mm cable.	R.M.	36.48	1,640.08
		R.ft	11.12	500.03
30-39	Description same as in item 30- 32 but 50 sq.mm cable.	R.M.	36.48	2,596.42

		R.ft	11.12	791.59
30-40	Supply and install 25 sq.mm, 3.5 core, PVC insulated and sheathed multicore, 600/1000V cable with copper conductor directly clipped on surface of wall, column, beam, ceiling, etc. for power wiring.	R.M.	149.76	3,545.42
		R.ft	45.66	1,080.92
30-41	Description same as in item 30- 40 but 35 sq.mm 3.5 core cable.	R.M.	149.76	4,981.28
		R.ft	45.66	1,518.68
30-42	Description same as in item 30- 40 but 50 sq.mm 3.5 core cable.	R.M.	149.76	5,833.19
		R.ft	45.66	1,778.41
30-43	Description same as in item 30- 40 but 70 sq.mm 3.5 core cable.	R.M.	224.64	8,879.77
		R.ft	68.49	2,707.25
30-44	Description same as in item 30- 40 but 95 sq.mm 3.5 core cable.	R.M.	224.64	16,933.64
		R.ft	68.49	5,162.69
30-45	Description same as in item 30- 40 but 120 sq.mm 3.5 core cable.	R.M.	299.52	17,008.52
		R.ft	91.32	5,185.52
30-46	Supply and installation of 14 SWG (3.2 sq.mm) solid bare hard drawn electrolytic copper wire as earth continuity conductor in already installed/laid conduit or underground pipe.	R.M.	18.24	177.96
		R.ft	5.56	54.26
30-47	Description same as in item 30- 46 but with 12 SWG (5.4 sq.mm) ECC.	R.M.	18.24	268.29
		R.ft	5.56	81.79
30-48	Description same as in item 30- 46 but with 10 SWG (8.7 sq.mm) ECC.	R.M.	18.24	445.87
		R.ft	5.56	135.94
30-49	Description same as in item 30- 46 but with 8 SWG (13 sq.mm) ECC.	R.M.	27.36	664.21
		R.ft	8.34	202.50
30-50	Description same as in item 30- 46 but with 6 SWG (19 sq.mm) ECC.	R.M.	27.36	894.87
		R.ft	8.34	272.83
30-51	Description same as in item 30- 46 but with 4 SWG (27 sq.mm) ECC.	R.M.	27.36	1,267.39
		R.ft	8.34	386.40
30-52	Description same as in item 30- 46 but with 2 SWG (38.6 sq.mm) ECC.	R.M.	36.48	1,797.02
		R.ft	11.12	547.87
30-53	Description same as in item 30- 46 but with 1/0 SWG (53 sq.mm) ECC.	R.M.	36.48	2,449.69
		R.ft	11.12	746.86
30-54	Description same as in item 30- 46 but with 2/0 SWG (61 sq.mm) ECC.	R.M.	36.48	2,820.17
		R.ft	11.12	859.81
30-55	Description same as in item 30- 46 but with 3/0 SWG (70 sq.mm) ECC.	R.M.	36.48	3,217.69
		R.ft	11.12	981.00
30-56	Supply and install 15 Amp, triple pole, 415 volts metal clad load breaker switch on surface of walls.	No.	456.00	2,873.94
30-57	Description same as in item 30- 56 but with 30 Amps. switch.	R.M.	456.00	3,977.28
		R.ft	139.02	1,212.59
30-58	Description same as in item 30- 56 but with 60 Amps. Switch.	R.M.	456.00	7,795.08
		R.ft	139.02	2,376.55
30-59	Supply and install surface mounted flourescent light fixture tube light with a 40W. Lamp TMS-140 Philips type or approved equivalent complete with ballast, power factor improvement capacitor, starter etc. and including all installation materials.	No.	304.00	2,198.36
30-60	Description same as in item 30- 59 but with Flourescent Tube light double. 40W lamps, Philips TMS-240 or equivalent make	No.	304.00	2,621.34
30-61	Description same as in item 30- 59 but with industrial reflector and flour tube light single. 40W lamps, Philips GKD-140 or equivalent make	No.	304.00	1,495.40
30-62	Description same as in item 30- 59 but with industrial reflector and flour tube light. 40W Double lamps, Philips GKD-240 or equivalent make	No.	304.00	1,709.92
30-63	Description same as in item 30- 59 but with flurescent Tube light acrylic plastic cover or louvers Single. 40W. Lamps, Philips type GMS-176 or approved equivalent.	No.	304.00	2,291.68

30-64	Description same as in item 30- 59 but with acrylic plastic cover or louvers and two Nos. 40W. Lamps, Philips type GMS-276 or approved equivalent.	No.	304.00	3,277.04
30-65	Description same as in item 30- 59 but with acrylic plastic cover or louvers and four Nos. 20W. Lamps, Philips type TCS-420L or approved equivalent.	No.	304.00	6,324.00
30-66	Description same as in item 30- 59 but with acrylic plastic cover or louvers and six Nos. 20W. lamps, Philips type GMS-276 or approved equivalent.	No.	304.00	9,111.60
30-67	Description same as in item 30- 59 but with batten and one No. 40W. Lamps, Philips type P-140 or approved equivalent.	No.	304.00	1,895.36
30-68	Description same as in item 30- 59 but with batten and one No. 20W. Lamps, Philips type P-120 or approved equivalent.	No.	304.00	1,446.92
30-69	Supply and install recessed mounting flourescent light fixture with 2Nos. 40W lamps acrylic plastic cover or louvers, Philips type TBS 300E /240L or approved equivalent, complete with ballast, power factor improvement capacitor, starter etc. including all installation material.	No.	304.00	8,687.40
30-70	Description same as item 30- 69 but with metal louvers and four Nos. 20W lamps - Philips type TBS 300 / 240 MI or approved equivalent.	No.	380.00	4,359.00
30-71	Description same as item 30- 69 but with four Nos. 40W lamps, plastic cover Philips type TBS 300 / 240 MI or approved equivalent.	No.	380.00	8,763.40
30-72	Description same as item 30- 69 but six Nos. 20W lamps - Philips type TFC-620 or approved equivalent.	No.	380.00	9,187.60
30-73	Supply and install weather proof incandescent light fixture comprising die-cast aluminium body with front glass cover fixed to the body by means of stainless steel screws and neoprene gasket, G.I. wire guard, 1 No 100W lamp, including all installation material Philips type or approved equivalent.	No.	304.00	10,828.20
30-74	Supply and install ceiling mounted incandescent light fixture with glass cover and 2 - 60W lamps, Philips type NCD-533 or approved equivalent.	No.	304.00	7,048.20
30-75	Supply and install wall mounted incandescent light fixture with 60W lamp, Philips type NBRS-511 or approved equivalent.	No.	228.00	2,612.60
30-76	Description same as in item 30- 75 but ceiling mounted, Philips type NBR-511 or approved equivalent.	No.	228.00	2,535.80
30-77	Supply and install recessed mounted incandescent light fixture with 100W lamp including all installation materials, Philips type DDN-24 or approved equivalent.	No.	228.00	6,312.20
30-78	Supply and install recessed mounted light fixture with 150W pressed glass lamp, including all installation materials - Philips DSS-10 type or approved equivalent.	No.	228.00	4,491.60
30-79	Supply and install high bay mercury vapour light fixture with 400W. HPLN lamp ballast, with ballast housing, pipe fixing arrangement etc. Philips HDK-463 type or approved equivalent.	No.	684.00	22,284.00
30-80	Supply and install mercury vapour light fixture Philips HRC-511 type with 250W. mercury vapour lamp, polyester filled ballast on already installed tubular pole.	No.	684.00	24,084.00
30-81	Description same as item 30-80 but with 250W son & Ignitor Philips HRC-511 type or approved equivalent.	No.	684.00	26,484.00
30-82	Supply and install mercury vapour light fixture with 125W PHL-N lamp. ballast starter, power factor improvement capacitor including suspension rod with fixing arrangement, accessories etc, Philips HRP 38 type or approved equivalent.	No.	684.00	3,054.00
30-83	Description same as in item 30- 82 but with HPLN-80W lamp Philips HRC-510/80W type or approved equivalent.	No.	684.00	2,574.00
30-84	Supply and install 100W wall mounted emergency lighting unit with 2 lamps, Ni-Cd battery, battery charger unit and wall mounting bracket, Presto-beam, Model st-v	No.	912.00	54,312.00
30-85	Supply and install wall mounted weather proof flood light fixture with 250W,HPL-N mercury vapour lamp, ballast starter, power factor improvement capacitor, including accessories, installation materials. Philips H/SVF-10 type or approved equivalent.	No.	684.00	26,484.00

30-86	Description same as in item 30- 85 but with 400W. HPL-N lamp Philips H/SVF-10 type or approved equivalent.	No.	684.00	14,964.00
30-87	Supply and install 56" (1.42 m) sweep ceiling fan with fan hook and dimmer complete with all accessories.	No.	684.00	9,164.40
30-88	Description same as item 30- 87 but with 48" sweep ceiling fan.	No.	684.00	9,003.60
30-89	Rewinding of 56" and 48" sweep ceiling fan.		-	-
a)	Rewinding of 56" and 48" sweep ceiling fan.	No.	1,728.00	1,728.00
b)	Fixing of ceiling fan to ceiling		684.00	684.00
30-90	Supply and install earth connecting point of 10"x 2"x 1/4" (255mm x 50mm x 6mm) size of tinned copper bar, including brass/tinned copper bolts, nuts and washers.	No.	456.00	3,158.28
30-91	Supply and install pair of earth electrode each comprising 24"x12" (600mmx 3mm) thick copper plate buried 13 ft. (4m) deep underground in upright position in a pit and surrounded by mixture of salt and charcoal (1:3), 12" (300mm) min dia around the plate. The job also includes providing and fixing all accessories such as nuts, bolts, washers, 2x3/0 SWG (2x70mm) copper conductor earthing lead.	Job	7,777.20	312,520.88
30-92	Supply and install pair of earth electrode comprising 13 ft (4m) long 2" (50mm) dia G.I. pipe having 3/8" (10mm) dia holes at 20" (500mm) c/c all along the length of pipe buried 15ft (4.5m) underground in upright position including all accessories for complete installation such as nuts bolts, washers 2x3/0 SWG copper conductor earthing lead complete in all respect.	Job	4,992.00	84,732.16
30-93	Supply and install 12" x 1/8" (25mm x 3mm) copper strip for lighting protection including all installation accessories such as copper clamps nuts, bolts, washers, testing terminal etc. on surface of roof, wall etc.	R.M.	54.72	3,628.22
		R.ft	16.68	1,106.16
30-94	Description same as in item 30- 93 but underground at a depth of 24" (600mm) from ground level.	R.M.	57.46	3,809.63
		R.ft	17.52	1,161.47
30-95	Supply and install 8 ft (2.5 m) long 5/8" (16mm) dia hard-drawn copper rod earth electrode underground for lighting protection including all accessories such as nuts, bolts, fixing clamps etc. The earth electrode shall be installed such that its top is 14" (350mm) below finished ground level.	Job	1,824.00	29,532.02
30-96	Supply and install 6.5 ft (2 m) long 3/8" (10mm) dia vertical air termination hard-drawn copper rod vertically on building top, including all fixing accessories such as copper flanges, mild steel anchor bolts, copper clamps etc.	Job	1,824.00	22,623.06
30-97	Construction of 20" x 20" (500mm x 500 mm) square inspection chamber for earth electrodes including medium duty C.I. cover and all associated civil works.	Job	1,362.92	9,753.30
30-98	Supply and install wall mounted 4 ways, 5 Amp, flush mounting type telephone rosette including plastic box and face plate.	No.	76.00	358.00
30-99	Supply and install recessed type telephone distribution box suitable for 20 pair cable including appropriate size 16 SWG sheet steel box with hinged, latched and lockable cover.	No.	3,648.00	11,762.61
30-100	Description same as in item 30- 99 but with 30 pair telephone distribution box.	No.	3,648.00	15,683.70
30-101	Description same as in item 30- 99 but with 40 pair telephone distribution box.	No.	3,648.00	16,447.55
30-102	Description same as in item 30- 99 but with 60 pair telephone distribution box.	No.	3,648.00	18,823.11
30-103	Description same as in item 30- 99 but with 100 pair telephone distribution box.	No.	3,648.00	25,629.00

30-104	Provide, install, connect, test and commission 3 phase 500V, 800 Amps, L.T.. Bus-tie duct for connection between transformer L.T and L.T. switch board. Bus-duct shall comprise rectangular copper conductor insulated and enclosed in corrosion resistant sheet steel enclosure complete with all installation, supporting materials and accessories.	R.M.	1,804.80	112,882.80
		R.ft	550.24	34,415.49
30-105	Description same as in item 30- 104 but with 1200A bus tie duct.	R.M.	1,804.80	228,673.20
		R.ft	550.24	69,717.44
30-106	Description same as in item 30- 104 but with 1600A bus tie duct.	R.M.	1,804.80	60,373.20
		R.ft	550.24	18,406.46
30-107	Supply, install, connect Ceiling Fan energy efficient model as approved and rated 3-Star by NEECA with power consumption of less than 80 W+10%	Job	828.00	6,636.00
30-108	Supply and Install wall Mounted Split Air Conditioners invertor Energy Saver Model 1 Ton		-	-
a)	Supply and Install wall Mounted Split Air Conditioners invertor Energy Saver Model 1 Ton	Job	2,280.00	165,215.21
b)	Supply and Install wall Mounted Split Air Conditioners invertor Energy Saver Model 1.5 Ton	Job	2,280.00	199,894.80
c)	Supply and Install wall Mounted Split Air Conditioners invertor Energy Saver Model 2 Ton	Job	2,280.00	244,775.21
30-109	Supply and Install Cabnet Type Split Air Conditioners invertor Energy Saver Model 2.5 Ton		-	-
a)	Supply and Install Cabnet Type Split Air Conditioners invertor Energy Saver Model 2.5 Ton	Job	4,560.00	332,194.20
b)	Supply and Install Cabnet Type Split Air Conditioners invertor Energy Saver Model 3 Ton	Job	4,560.00	375,034.20
c)	Supply and Install Cabnet Type Split Air Conditioners invertor Energy Saver Model 4Ton	Job	4,560.00	570,874.20
30-110	Supply, install, connect, test and commission 3 core 95 Sq.mm 11 KV, cross link polythene insulated shielded, armoured and PVC jacketted cable for connecting transformers to HT panel complete in all respect.	R.M.	499.20	12,323.04
		R.ft	152.20	3,757.02
30-111	Wiring of bell point length upto 50 ft (15m) including supply of bell and bell push, 3x1.5 Sq.mm PVC insulated single core copper conductor cable in concealed PVC 3/4" (20mm) dia. conduit and wiring accessories such as elbows, bends, junction boxes, etc	No.	912.00	5,478.90
30-112	Supply and install single arm fancy wall bracket comprising brass bracket, apple white cylindrical glass shade, lamp holder with 100W lamp.	No.	304.00	2,574.40
30-113	Supply and install 10" (250 mm) sweep exhaust fan including plastic louvers.		-	-
a)	Supply and install 10" (250 mm) sweep exhaust fan including plastic louvers.	No.	684.00	5,564.40
b)	Supply and install 8" (200 mm) exhaust fan including plastic louvers.	No.	684.00	5,283.60
c)	Supply and install 6" (200 mm) exhaust fan including plastic louvers.	No.	684.00	3,884.40
30-114	Supply and install 20" (500 mm) sweep revolving bracket fan with guard.	No.	684.00	8,948.40
30-115	Supply and install distribution board, 18 SWG steel sheet 18"x24" enclosure, suitable for recess mounting, comprising one incoming MCCB-TP/100A, Outgoing 9 single phase MCB of various capacity with internal wiring earthing, neutral link etc. alongwith three Digital Amp. meters with lights.	Each	3,648.00	45,571.98
30-116	Provide, install, test and commission recessed wall mounting type distribution board fabricated from 16 SWG steel sheet, powder coated with approved color back box comprising one incoming MCCB-TP/60A and outgoing 9 single phase MCB of various capacity having overload & short circuit protection and of 6 KA braking capacity complete with internal wiring earthing, nuetral link, termination blocks, phase indicating lights alongwith 500V voltmeter.		-	-

	a) Provide, install, test and commission recessed wall mounting type distribution board fabricated from 16 SWG steel sheet, powder coated with approved color back box comprising one incoming MCCB-TP/60A and outgoing 9 single phase MCB of various capacity having overload & short circuit protection and of 6 KA braking capacity complete with internal wiring earthing, neutral link, termination blocks, phase indicating lights alongwith 500V voltmeter.	Each	3,648.00	52,222.26
	b) Extra for installing each number circuit breaker 6 Ampere on same distribution board and bus bar (For outgoing)	No.	912.00	3,621.00
30-117	Supply and install Energy Saver electric bulbs		-	-
	a) 25W to 100W		28.00	318.40
	b) 200 Watt bulb		28.00	301.60
	c) 25W Philips energy saver		28.00	436.00
30-118	Supply and install Electric motors with pump including all accessories.		-	-
	a) 1 HP electric motor with pump		1,656.00	27,551.52
	b) 1/2 HP electric motor with pump		1,656.00	20,092.44
	c) Rewinding of electric motor 1 HP		2,976.00	7,801.50
	d) Rewinding of electric motor 1/2 HP		2,232.00	6,092.40
30-119	Supply and install 30 Amp. electric cutout (set of three) including all accessories.	Each	576.00	2,655.00
30-120	Supply and install 40W electric tube light rod including patty	Each	456.00	2,387.16
30-121	Supply and replace		-	-
	a) Tube patty	Each	228.00	1,362.00
	b) Tube rod	Each	45.60	721.20
	c) Tube choke (EECO or equivalent) for maintenance work only	Each	144.00	770.22
	d) Tube starter for maintenance work only	Each	45.60	201.60
30-122	Supply and install		-	-
	a) Brass holder for maintenance work only	Each	45.60	243.60
	b) Plastic holder including base plate	Each	45.60	243.60
30-123	Supply and install		-	-
	a) 35 gallons electric geyser	Each	684.00	42,264.00
	b) 55 gallons electric geyser	Each	684.00	47,723.58
30-124	LED Bulbs	Each	-	-
	a) LED Bulbs	Each	307.20	1,178.40
	b) LED Panel Lights	Each	364.80	7,564.80
	c) LED Tube Light	Each	364.80	3,364.80
30-125	Supply, installation, testing and commissioning of 220 Volts, single phase, 50 Hz Brand New UPS complete in all respect of the following rating:		-	-
	a) 750 Watt	Each	364.80	37,276.80
	b) 1000 Watt	Each	364.80	37,276.80
	c) 1500 Watt	Each	364.80	43,276.80
	d) 2000 Watt	Each	364.80	74,876.40
30-126	FIRE ALARM SYSTEM		-	-
	a) Fire resistance insulated 2-core, 1.5mm ² cable in PVC Conduits in 25 mm ² conduit	R.M.	299.14	472.37
		R.ft	91.20	144.01
	b) Addressable break glass manual call stations (Copper Menvier UK, Honey well, Gent or approved equivalent).	Each	1,196.54	7,796.54
	c) Addressable sounder and accessories (Copper Menvier UK, Honey well, Gent or approved equivalent).	Each	1,196.54	10,196.54
	d) Addressable Photo electric Smoke Detectors as approved by the engineer (Copper Menvier UK, Honey well, Gent or approved equivalent).	Each	1,196.54	5,276.54
	e) Addressable Heat Detectors as approved by the engineer (Copper Menvier UK, Honey well, Gent or approved equivalent).	Each	1,196.54	5,276.54

	f) Addressable Fire Alarm Control Panel as per project specified requirements (2 Loop) including backup battery, complete with all installation accessories, testing and commissioning (Copper Menvier UK, Honey well, Gent or approved equivalent).	Each	9,240.00	225,240.00
30-127	Add extra for respective payable item of ground floor		-	-
	a) For first floor			10.0%
	b) For every additional floor above first floor			7.5%
30-128	Supply and install Pole mounted weather proof LED light per Watt fixture including accessories, installation materials. Philips or approved equivalent	per watt	92.40	392.40
30-129	Supply and install 1-gang, 5 Amp, 250 Volt,. plate type moulded Clipsal/Schneider or equivalent imported switch including appropriate size plastic box to be fixed recessed in wall.	Unit	114.00	915.24
30-130	Description same as in Item 30-129 but with 2 gang switch.	Unit	152.00	1,194.80
30-131	Description same as in Item 30-129 but with 3 gang switch.	Unit	190.00	1,420.24
30-132	Description same as in Item 30-129 but with 4 up to 6 gang switch.	Unit	228.00	1,788.24
30-133	Supply and installation of 5 Amp. 250 Volt, moulded, two-way single pole, flush mounting type light control single switch including appropriate size plastic box to be fixed recessed in wall.	Unit	190.00	3,657.64
30-134	Supply and install 5 Amp, 250 Volt moulded, one-way, single pole, flush mounting piano type light control switch alongwith fan dimmers on appropriate size plastic box to be fixed recessed in wall alongwith switch box and plate suitable for upto 3 switches on a common board (Clipsal-Schneider or equivalent)	No.	912.00	4,905.00
30-135	Supplying Poles of approved make including the cost of specials.	No.		
	a) MS Tabular pole 31 FT Length with 20ft (6" dia) x 5.5ft (5" dia) x 5.5ft (4" dia) 1 8 SWG thick with base plate 1.8"x1.8"x¾ with 4 no's holes.	No.	1,296.00	145,176.00
	b) MS Tabular pole 40 FT Length with size 20ft (6" dia) x 10ft (5" dia) x 10ft (4" dia) 18 SWG thick with base plate 1.8"x1.8"x¾ with 4 no's holes.	No.	1,380.00	38,340.00
	c) Octagonal pole 50ft Length with 6" top & bottom 24" ,base plate 32" x 32" x 1".	No.	1,692.00	284,172.00
	d) Hexagonal pole 40ft Length with 4" top & bottom 12" , base plate 24" x 24" x 1".	No.	1,296.00	224,376.00
	e) Tabular pole 31ft Length with 20ft (6" dia) x 5.5" (5" dia) x 5.5" (4" dia), base plate 16"x16"x¾".	No.	1,128.00	204,408.00
30-136	Supplying and fixing of approved make pole arms including the cost of specials.	No.		
	a) a) G.I. single arm bracket 5' long 2" dia. Standard with paint	No.	-	4,800.00
	b) b) G.I. single arm bracket 7' long 2" dia. Standard with paint	No.	-	6,600.00
	c) c) G.I. single arm bracket 5' long 2" dia with 5" dia 1' long canopy.	No.	-	10,200.00
	d) d) G.I. single arm bracket 7' long 2" dia with 5" dia 1' long canopy.	No.	-	12,000.00
	e) e) G.I. double arm bracket 5' long 2" dia.	No.	-	8,400.00
	f) f) G.I. double arm bracket 7' long 2" dia.	No.	-	9,600.00
	g) g) G.I. double arm bracket 5' long 2" dia with 5" dia 1' long canopy.	No.	-	14,400.00
	h) h) G.I. double arm bracket 7' long 2" dia with 5" dia 1' long canopy.	No.	-	15,600.00
	i) i) Angle iron bracket in Square shape for 3 to 4 no's flood lights.	No.	-	4,800.00
	j) j) Angle iron bracket in hexagonal shape for 5 to 6 no's flood lights.	No.	-	6,600.00
	k) k) G.I. pipe bracket in Hexagonal shape for 6 no's street lights.	No.	-	3,000.00
	l) l) Junction box in size 10" x 8" x 5".	No.	-	3,000.00
	m) m) Junction box in size 8" x 6" x 4".	No.	-	2,400.00

Government of Balochistan
Volume-1
Composite Schedule of Rates

SECTION - 31

MISCELLANEOUS

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
31-1	Solar System (Chinese)			
a)	Supply, Install, connect, test and commission of SOLAR PANEL (Chinese) & accessories.	Per Watt	14.04	148.68
b)	Supply, Install, connect, test and commission of SOLAR INVERTER (Chinese) & accessories.	Per Watt	14.04	81.36
1)	Supply and Erection of off Grid Hybrid inverter	Per Watt	14.04	81.36
2)	Supply and Erection of On Grid Hybrid inverter	Per Watt	14.04	111.96
3)	Supply and Erection of GRID TIE INVERTER (ON-Grid Inverter) (0-10 KW)	Per Watt	23.40	124.99
4)	Supply and Erection of GRID TIE INVERTER (ON-Grid Inverter) (10-20 KW)	Per Watt	23.40	109.08
5)	Supply and Erection of GRID TIE INVERTER (ON-Grid Inverter) (20-30 KW)	Per Watt	23.40	102.96
6)	Supply and Erection of GRID TIE INVERTER (ON-Grid Inverter) (above 30 KW)	Per Watt	23.40	96.84
c)	Charge Controller Advanced MPPT algorithm with the max. tracking efficiency of 95%, • Peak conversion efficiency 90%• LCD displays• Four battery type options: Sealed, Gel, Flooded and User-defined• Energy statistics recording• Programmable battery management parameters• Built-in running data and event logging, max. 15 months• Log function: work logs and alarm logs are all recorded• Field upgradable firmware• Self-consumption 1.4~2.2W • Grounding Common negative• Temp. compensation -3mV/°C/2V• Enclosure IP20• Working temperature -25°C ~ +55°C Supply, Install, connect, test and commission of SOALR CHARGE CONTROLLER (Chinese) & accessories.	perAmp 12/24 V	9.36	1,306.80
d)	MOUNTING STRUCTURE FIXED - Galvanized iron mounting structures - supported by galvanized Footing -120 Kmph wind speed withstanding Supply, Install, connect, test and commission of SOLAR MOUNTING STRUCTURE & accessories.			
1)	Fixed	per Watt	4.68	47.52
2)	MOUNTING STRUCTURE MOVABLE - Galvanized iron mounting structures - supported by galvanized Footing -120 Kmph wind speed withstanding	per Watt	4.68	59.76
e)	12V Battery Type: Standard Lead Acid and its life Cycles will be 600 @ 50% DoD Max Temperature 25 Degree Celsius Supply, Install, connect, test and commission of BATTERIES-LEAD ACID & accessories.			
i)	600 Cycle	per AH	9.36	376.56
ii)	12V Battery Type: Standard Lead Acid and its life Cycles will be 1000 @ 50% DoD Max Temperature 25 Degree Celsius Supply, Install, connect, test and commission of BATTERIES-LEAD ACID & accessories.	per AH	9.36	376.56
iii)	12V Battery Type: Standard Lead Acid and its life Cycles will be 1500 @ 50% DoD Max Temperature 25 Degree Celsius Supply, Install, connect, test and commission of BATTERIES-LEAD ACID & accessories.	per AH	9.36	682.56

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
iv)	12V Battery Type: Standard Lead Acid and its life Cycles will be 2000 @ 50% DoD Max Temperature 25 Degree Celsius	per AH	9.36	1,110.96
g)	- 1000+ cycles @ 50% DoD)- Sealed maintenance free- tubular gel Valve Regulated Lead Acid (VRLA) type. - Deep-cycle lead-acid batteries of the sealed type. - Explosion proof vent plug s at the upper part of the container. - ambient temperature of –10oC to +40oC. - Lead Plated Solid Copper Connectors. - easy access and sufficient flexibility at the time of cell unit replacement, and also easy to check the status.	per AH	9.36	664.56
h)	- 600+ cycles @ 50% DoD)- Sealed maintenance free- tubular gel Valve Regulated Lead Acid (VRLA) type. - Deep-cycle lead-acid batteries of the sealed type. - Explosion proof vent plug s at the upper part of the container. - ambient temperature of –10oC to +40oC. - Lead Plated Solid Copper Connectors. - easy access and sufficient flexibility at the time of cell unit replacement, and also easy to check the status. Supply, Install, connect, test and commission of 2VOLT CELL-MAINTENANCE FREE & accessories. (600 Cycles)	per AH	9.36	702.36
i)	- ambient temperature of –10oC to +40oC.- easy access and sufficient flexibility at the time of cell unit replacement, and also easy to check the status.FREE Li- ion (PO4) Supply, Install, connect, test and commission of BATTERIES-MAINTENANCE FREE Li- ion (PO4) & accessories.	per AH	9.36	1,836.36
j)	12V Battery Type: GEL and its life Cycles will be equal than 1000 @ 50% DoD Max Temperature 25 Degree Celsius) Supply, Install, connect, test and commission of BATTERIES-GEL 1000 Cycles & accessories.	per AH	9.36	658.08
k)	12V Battery Type: GEL and its life Cycles will be equal than 600 @ 50% DoD Max Temperature 25 Degree Celsius)Supply, Install, connect, test and commission of BATTERIES-GEL 600 & accessories.	per AH	9.36	645.84
l)	Supply, Install, connect, test and commission of BATTERIES-AGM 600 & accessories.	per AH	9.36	682.56
m)	Supply, Install, connect, test and commission of BATTERIES-AGM 1000 & accessories.	per AH	9.36	719.28
31-2	SOLAR PANEL -Efficiency should be more than 16%- fill factor should be more than 75%- Monocrystalline/Polycrystalline Structure- nominal voltage ratings of 12, 24, or 48 V - Warranty: 80% Output after 25 years - Environmental Data: -10 to 90 C- IEC Certification 61215, 61730 Part I and II-Junction Box IP 67 Rating-Nominal Operating Cell Temperature 45±2 C-Max System Voltage 1000V DC (IEC) Supply, Install, connect, test and commission of SOLAR PANEL (European) & accessories.	Watt	14.04	234.36

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
a)	Solar Inverter -Rating- Power capacity of the inverter including Continuous, Limited-Time and Stack rating voltage conversion and regulation of the varying amounts of DC voltages and currents generated by the PVPs by External MPPT Charge Controller. - Total Harmonic Distortion (THD), - RMS (Root Mean Square) Voltage - Peak Voltage regulation- Pure Sine Wave-Automatic ON/OFF- Stack/Modular arrangement (connecting two or more inverters in parallel to perform as one unit). - Under/Over Voltage & Over Current protection- Both single/three phase type. - Multi-string input with string failure detection. - AC short circuit protection. - Ground fault monitoring. - Grid monitoring. - Ingress protection rating / electrical connection: IP66.- CEC Efficiency> 97%, - Warranty: 2 years - EN 62109-1 2010 (Safety), EN 61000-6-2:2005 (EMC compatibility) Supply, Install, connect, test and commission of INVERTER (European) & accessories.	Watt	14.04	264.96
b)	Charge Controller MPPT • Nominal battery voltage 12, 24, 36, 48, 60 V• Battery voltage operating range 0 Vdc to 80 Vdc• Max. PV array voltage (operating) 140 V• Max. PV array open circuit voltage 150 V • Max. array short-circuit current 60 A (48 A @ STC)• Max. charge current 60 A (for all battery voltages except 60 V)• Max. output power 3500 W• Supported battery types Flooded, GEL, AGM, Custom• Max. power conversion efficiency 93% (nominal 12 V), 96% (nominal 24 V), 97% (nominal 36 V), 98% (nominal 48 V), 99% (nominal 60 V)• Power consumption, night time 2.5 W• Auxiliary output 5 - 13 V, up to 200 mA• IP degree of protection IP20• Device mounting Vertical wall mount• Ambient air temperature for operation -20°C to 45°C (-4°F to 113°F)• Storage temperature range -40°C to 85°C (-40°F to 185°F) full power, power derating above 45°C• Safety CSA Certified (UL1741, CSA 107.1) and CE Marked for the Low Voltage Directive (EN50178)• EMC FCC and Industry Canada (Class B), CE Marked for the EMC Directive (EN61000-6-1, -6-3), C-Tick compliant Supply, Install, connect, test and commission of CHARGE CONTROLLER (European) & accessories.	per Amp	9.36	1,306.80
c)	• Charge Controller PWM • Nominal battery voltage 12, 24, 36, 48, 60 V	per Amp	9.36	1,478.16
31-3-1	DC Cable - Stranded and flexible insulated copper DC wires and cables must be used for all outdoor and indoor installations. - voltage drop must not exceed 1% on DC side of the power inverter and 1.5% on AC side of the power inverter. - The wiring that leads into the pole, protected in a PVC Spiral / Flexible conduit. - External cables adapted to outdoor exposure as per IEC 60811. - The outer insulation: sunlight (UV)-resistant and weather-proof. Supply, Install, connect, test and commission of CABLES & accessories.			
a)	DC Cable 1.5 mm2 Single Core	R.M	9.36	60.77
		R.Ft		18.53
b)	DC Cable 2.5mm2 Single Core	R.M	9.36	65.66
		R.Ft		20.02
c)	DC Cable 4mm2 Single Core	R.M	9.36	230.90
		R.Ft		70.40
d)	DC Cable 4mm2 Two Core	R.M	9.36	485.50
		R.Ft		148.02
e)	DC Cable 6mm2 Single Core	R.M	9.36	336.17
		R.Ft		102.49

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
f)	DC Cable 6mm2 two Core	R.M	9.36	691.13
		R.Ft		210.71
g)	DC Cable 6mm2 four Core	R.M	9.36	1,332.50
		R.Ft		406.25
h)	DC Cable 10mm2 Single Core	R.M	9.36	607.90
		R.Ft		185.33
i)	DC Cable 10mm2 two Core	R.M	9.36	1,194.19
		R.Ft		364.08
j)	DC Cable 10mm2 Four Core	R.M	9.36	2,223.58
		R.Ft		677.92
k)	DC Cable 16mm2 single Core	R.M	9.36	847.80
		R.Ft		258.48
l)	DC Cable 16mm2 two Core	R.M	9.36	1,840.46
		R.Ft		561.12
m)	DC Cable 16mm2 Four Core	R.M	9.36	3,453.70
		R.Ft		1,052.96
n)	DC Cable 25mm2 single Core	R.M	9.36	1,321.49
		R.Ft		402.89
o)	DC Cable 25mm2 two Core	R.M	9.36	2,844.14
		R.Ft		867.12
31-3-2	Supply, Install, connect, test and commission of SUBMERSIBLE CABLES & accessories. ELECTRIC Cable- Stranded and flexible insulated copper AC/DC wires complete in all respects.			
a)	DC Cable 25mm2 two Core	R.M	9.36	255.38
		R.Ft		77.86
b)	Cable Single Core 10 sq.mm2 flexible copper cable	R.M	9.36	419.40
		R.Ft		127.87
c)	Cable Single Core 16 sq.mm2 flexible copper cable	R.M	14.04	648.07
		R.Ft		197.58
d)	Cable Single Core 25 sq.mm2 flexible copper cable	R.M	14.04	898.99
		R.Ft		274.08
e)	Cable Single Core 35 sq.mm2 flexible copper cable	R.M	14.04	1,238.04
		R.Ft		377.45
f)	Cable Two Core 6 sq.mm2 flexible copper cable	R.M	9.36	841.68
		R.Ft		256.61
g)	Cable Two Core 10 sq.mm2 flexible copper cable	R.M	9.36	1,306.80
		R.Ft		398.41
h)	Cable Two Core 16 sq.mm2 flexible copper cable	R.M	14.04	2,462.04
		R.Ft		750.62
i)	Cable Two Core 25 sq.mm2 flexible copper cable	R.M	18.72	3,166.85
		R.Ft		965.50
j)	Cable Two Core 35 sq.mm2 flexible copper cable	R.M	23.40	4,353.91
		R.Ft		1,327.41
k)	Cable Three Core 6 sq.mm2 flexible copper cable	R.M	14.04	705.60
		R.Ft		215.12
l)	Cable Three Core 10 sq.mm2 flexible copper cable	R.M	14.04	1,544.04
		R.Ft		470.74
m)	Cable Three Core 16 sq.mm2 flexible copper cable	R.M	18.72	2,221.92
		R.Ft		677.41
n)	Cable Three Core 25 sq.mm2 flexible copper cable	R.M	18.72	2,809.44
		R.Ft		856.54
o)	Cable Three Core 35 sq.mm2 flexible copper cable	R.M	23.40	3,874.10

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
		R.Ft		1,181.13
p)	Cable Four Core 6 sq.mm2 flexible copper cable	R.M	14.04	1,238.04
		R.Ft		377.45
q)	Cable Four Core 10 sq.mm2 flexible copper cable	R.M	18.72	1,793.52
		R.Ft		546.80
r)	Cable Four Core 16 sq.mm2 flexible copper cable	R.M	18.72	2,711.52
		R.Ft		826.68
s)	Cable Four Core 25 sq.mm2 flexible copper cable	R.M	23.40	3,726.00
		R.Ft		1,135.98
t)	Cable Four Core 35 sq.mm2 flexible copper cable	R.M	28.08	5,119.92
		R.Ft		1,560.95
31-4	Supply and Install, connect, test and commission of CCTV cameras (Chinese) complete with power cord, interconnecting cables and mounting brackets & accessories.			
a)	Indoor/Outdoor IP based static Camera with Full HD, 30-60 fps, 6 - 8 viewing profile, inbuilt IR, SD card supported, PoE.	Each	1,404.00	38,124.00
b)	Indoor / Outdoor PTZ Camera: with Full HD, 45-60 fps, 6-8 viewing profile, 150 meter IR, SD-card supported	Each	1,404.00	32,004.00
c)	Box Camera: with 32x zoom lens, Full HD, 30-60 fps, 6-8 viewing profile, SD card supported and external casing with 50 meter plus IR, PoE.	Each	1,404.00	99,324.00
31-5a	Network Video Recorder (NVR): 64 channel, 400Mbps, with 4TB storage/HDD (Max. 12 storage/HDD support), complete with power cord, interconnecting cables and mounting brackets & accessories.	Each	7,488.00	497,088.00
31-5b	Network Video Recorder (NVR): 16 channel, >320 Mbps with 2x3TB storage/HDD, complete with all cables and allied mounting brackets & accessories.	Each	7,488.00	503,208.00
31-6	Supply and Install, connect, test and commission of Core i7, 6/7th Generation with 2GB graphics Card for Video Management system (VMS) with all allied accessories.	Each	3,744.00	138,384.00
31-7	Supply & Installation of 24 port Layer-2 manageable PoE enabled switch with 4U Rack & patch panel.	Each	9,360.00	64,440.00
31-8	Supply and Installation 24 port PoE based Layer-3 manageable aggregation switch with all allied accessories.	Each	9,360.00	376,560.00
31-9	Supply and Installation 8 port PoE based Layer-2 manageable switch with all allied accessories.	Each	9,360.00	82,544.55
31-10	Providing and fixing of road blocker of any length , 3.5 feet width , 2.5 feet height with Italian or equivalent power pack unit including accumulator but excluding Civil Works	Each	12,960.00	478,080.00
31-11	Providing and fixing of Tyre Killer of any length, local made excluding Civil Works	Each	8,256.00	63,336.00
31-12	Providing and fixing Road boom barrier up to 4 m • Hydraulic operator with opening and closing block including signal lights IP-24D • Italian Brand Communello or approved equivalent	Each	13,248.00	525,287.59

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
31-13	Providing, Fixing and installing Access control system including networking with cat 6 cable in management system without pc but including electromagnetic lock system.	Each	4,944.00	122,040.41
31-14	Providing and fixing of wakthrough gate of 33 zones of Garrett or its Koreaian approved equivalent including all accessories.	Each	3,744.00	607,743.60
31-15	Providing and fixing Bullet protection film for Bullet proofing of Glass excludng the cost of glass.	Sqm	300.00	4,920.00
31-16	Supply, Installation, testing and commissioning of imported brand new passenger/patient Elevator, Machine Room Less (MRL), heavy duty fully complied and certified by latest EN 81 Standards and for public use in buildings of minimum features including but not limited to VVVF high efficiency motor, complete stainless steel finish, indoor type for ambient condition of 45 °C, capacity of 630 Kg/08 persons, speed 1 m/sec, 04stops/04 openings, total travel height 16 m, entrance 900mm. Lift shall minimum includes car, hoisting machinery, counter-weight, supports, brackets, automatic controls, embedded parts, access ladder, separator screen & trap door, electric overload buzzer, shaft lightening, intercom system, gong, emergency operation for cabin/door, emergency rescue device (ups/battery) safety devices, Two (02) years of defect liability period with spare parts for two years complete in all respects as per specification and according to EN 81 standard compliance including civil works and electrical accessories. (Also Refer to technical data sheet) including 17 % Sales Tax on Supply, 5% Custom Duty, 6% withholding tax & 2% other taxes.	job	240,000.00	2,920,800.00
31-17	Supply, Installation, testing and commissioning of imported brand new Passenger/Patient Elevator, Machine Room Less (MRL), heavy duty fully complied and certified by latest EN 81 Standards and for public use in buildings of minimum features including but not limited to VVVF high efficiency motor, complete stainless steel finish, indoor type for ambient condition of 45 °C, capacity of 1000 Kg/13 persons, speed 1 m/sec, 04stops/04 openings, total travel height 16 m, entrance 900mm. Lift shall minimum includes car, hoisting machinery, counter-weight, supports, brackets, automatic controls, embedded parts, access ladder, separator screen & trap door, electric overload buzzer, shaft lightening, intercom system, gong, emergency operation for cabin/door, emergency rescue device (ups/battery) safety devices, Two (02) years of defect liability period with spare parts for two years complete in all respects as per specification and according to EN 81 standard compliance including civil works and electrical assessorries. (Also Refer to Technical data sheet)	job	240,000.00	3,532,800.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
31-18	Supply, Installation, testing and commissioning of imported brand new passenger/patient Elevator, Machine Room Less (MRL), heavy duty fully complied and certified by latest EN 81 Standards and for public use in buildings of minimum features including but not limited to VVVF high efficiency motor, complete stainless steel finish,indoor type for ambient condition of 45 °C, capacity of 1275 Kg/17 persons, speed 1 m/sec, 04stops/04 openings, total travel height 16 m, entrance 1100mm. Lift shall minimum includes car, hoisting machinery, counter-weight, supports, brackets, automatic controls, embedded parts, access ladder, separator screen & trap door, electric overload buzzer, shaft lightening, intercom system, gong, emergency operation for cabin/door, emergency rescue device (ups/battery) safety devices,Two (02) Years of defect liability period with spare parts for use of two years complete in all respects as per specification and according to EN 81 standard compliance including civil works and electrical assessories. (Also Refer to Technical data sheet)	job	240,000.00	3,616,800.00
31-19	Supply, Installation, testing and commissioning of imported brand new passenger/patient Elevator, Machine Room Less (MRL), heavy duty fully complied and certified by latest EN 81 Standards and for public use in buildings of minimum features including but not limited to VVVF high efficiency motor, complete stainless steel finish,indoor type for ambient condition of 45 °C, capacity of 1600 Kg/21 persons, speed 1 m/sec, 04stops/04 openings, total travel height 16 m, entrance 1300mm. Lift shall minimum includes car, hoisting machinery, counter-weight, supports, brackets, automatic controls, embedded parts, access ladder, separator screen & trap door, electric overload buzzer, shaft lightening, intercom system, gong, emergency operation for cabin/door, emergency rescue device (ups/battery) safety devices,Two (02) Years of defect liability period with spare parts for two years complete in all respects as per specification and according to EN 81 standard compliance compliance including civil works and electrical assessories. (Also Refer to Technical data sheet) including 17 % Sales Tax on Supply, 5% Custom Duty , 6% withholding tax & 2% other taxes	job	240,000.00	3,682,800.00
31-20	Supply, Installation, testing and commissioning of imported brand new passenger/patient Elevator, Machine Room Less (MRL), heavy duty fully complied and certified by latest EN 81 Standards and for public use in buildings of minimum features including but not limited to VVVF high efficiency motor, complete stainless steel finish,indoor type for ambient condition of 45 °C, capacity of 2000 Kg/26 persons, speed 1 m/sec, 04stops/04 openings, total travel height 16 m, entrance 1300mm. Lift shall minimum includes car, hoisting machinery, counter-weight, supports, brackets, automatic controls, embedded parts, access ladder, separator screen & trap door, electric overload buzzer, shaft lightening, intercom system, gong, emergency operation for cabin/door, emergency rescue device (ups/battery) safety devices,Two (02) Years of defect liability period with spare parts for two years complete in all respects as per specification and according to EN 81 standard compliance compliance including civil works and electrical assessories. (Also Refer to Technical data sheet) including 17 % Sales Tax on Supply, 5% Custom Duty , 6% withholding tax & 2% other taxes	job	240,000.00	3,738,800.40
31-21	Supply, Installation, testing and providing Solar Geyser	Each	756.00	186,756.00
a)	Solar Geyser 150 Liter			

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
31-22	b) Solar Geyser 200 Liter	Each	756.00	210,756.00
	Supply and install DC Circuit Breaker			
	a) Single Pole Circuit Breaker 10 Ampere	Each	456.00	2,025.12
	b) Single Pole Circuit Breaker 16 Ampere	Each	456.00	2,025.12
	c) Single Pole Circuit Breaker 20 Ampere	Each	456.00	2,025.12
	d) Single Pole Circuit Breaker 25 Ampere	Each	456.00	2,025.12
	e) Single Pole Circuit Breaker 40 Ampere	Each	456.00	2,025.12
	f) Single Pole Circuit Breaker 50 Ampere	Each	456.00	2,025.12
	g) Single Pole Circuit Breaker 63 Ampere	Each	456.00	2,025.12
	h) 2 Pole Circuit Breaker 10 Ampere	Each	456.00	3,106.83
	i) 2 Pole Circuit Breaker 16 Ampere	Each	456.00	3,106.83
	j) 2 Pole Circuit Breaker 20 Ampere	Each	456.00	3,106.83
	k) 2 Pole Circuit Breaker 32 Ampere	Each	456.00	3,106.83
	l) 2 Pole Circuit Breaker 40 Ampere	Each	456.00	3,319.35
	m) 2 Pole Circuit Breaker 50 Ampere	Each	456.00	3,319.35
	n) 2 Pole Circuit Breaker 63 Ampere	Each	456.00	3,319.35
	o) 3 Pole Circuit Breaker 10 Ampere	Each	456.00	4,995.36
	p) 3 Pole Circuit Breaker 16 Ampere	Each	456.00	4,995.36
	q) 3 Pole Circuit Breaker 20 Ampere	Each	456.00	4,995.36
	r) 3 Pole Circuit Breaker 32 Ampere	Each	456.00	4,995.36
	s) 3 Pole Circuit Breaker 40 Ampere	Each	456.00	4,995.36
	t) 3 Pole Circuit Breaker 50 Ampere	Each	456.00	4,995.36
	u) 3 Pole Circuit Breaker 63 Ampere	Each	456.00	4,995.36
	v) 4 Pole Circuit Breaker 10 Ampere	Each	456.00	7,095.15
	w) 4 Pole Circuit Breaker 16 Ampere	Each	456.00	7,095.15
	x) 4 Pole Circuit Breaker 20 Ampere	Each	456.00	7,095.15
	y) 4 Pole Circuit Breaker 32 Ampere	Each	456.00	7,095.15
	z) 4 Pole Circuit Breaker 40 Ampere	Each	456.00	7,306.41
	z-1 4 Pole Circuit Breaker 50 Ampere	Each	456.00	7,306.41
	z-2 4 Pole Circuit Breaker 63 Ampere	Each	456.00	7,306.41
	z-3 4 Pole Circuit Breaker 70-100 Ampere (70KV)	Each	456.00	14,454.60
	z-4 4 Pole Circuit Breaker 100-160 Ampere (70KV)	Each	456.00	17,212.32
	z-5 4 Pole Circuit Breaker 160-250 Ampere (70KV)	Each	456.00	23,744.58
	z-6 4 Pole Circuit Breaker 320-400 Ampere (70KV)	Each	456.00	32,271.00
	z-7 4 Pole Circuit Breaker 500-630 Ampere (70KV)	Each	456.00	38,634.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
z-8	4 Pole Circuit Breaker 640-800 Ampere (70KV)	Each	456.00	44,997.00
z-9	4 Pole Circuit Breaker 800-1000 Ampere (70KV)	Each	456.00	57,723.00
31-23	Supply and install DC LED Bulb 5 Watt including accessories, installation materials. Philips type or approved equivalent	Each	385.20	1,561.20
31-24	Supply and install DC LED Bulb 10 Watt including installation	Each	385.20	1,885.20
31-25	Supply and install DC Fan 15-20 Watt including installation	Each	385.20	9,385.20
31-26	Supplying G.I. PVC Flexible pipe of approved make including the cost of specials.	Each		
a)	25 mm diameter	Each	22.80	490.80
31-27-1	Provide, install, test and commission recessed wall mounting type distribution board fabricated from 16 SWG steel sheet, powder coated with approved color 2'x2'x1.5'	Each	912.00	8,346.00
31-27-2	Provide, install, of battery box fabricated from 16 SWG steel sheet, powder coated with approved color 1.5'x1.5'x1'	Each	912.00	6,582.00
31-28	Solar Panel with aluminum frame Certified, Sealed Maintenance Free Solar Battery (free Li-ion), High efficiency automatic solar charge controller with programmable lighting ON and OFF time, auto operation from dusk to dawn(Built in), High efficiency Light Emitting Diode light with weather proof casing, Protection class IP65 with aluminum heat sink, Iron made, rust proof, adjustable mounting structure for Solar Panel with mounting arrangements on pole(one in Quantity), Steel Nails / Screws / Nut Bolts/ Cable Tie's/ Insulation tape /Connectors/ etc. excluding pole and civil works.	per Watt	273.60	6,762.60
31-29	Providing and fixing at Site of Solar Submersible Pumpset including Motor of KSB, Komax, Alarko, Grandfos or approved equivalent (similar specifications), complete in all respects including all taxes.			
a)	Solar Submersible PumpSet, 4HP	Each	2,448.00	122,448.00
b)	Solar Submersible PumpSet, 5HP	Each	2,448.00	164,448.00
c)	Solar Submersible PumpSet, 7.5HP	Each	2,448.00	206,448.00
d)	Solar Submersible PumpSet, 10HP	Each	4,896.00	256,896.00
e)	Solar Submersible PumpSet, 12.5HP	Each	4,896.00	268,896.00
f)	Solar Submersible PumpSet, 15HP	Each	4,896.00	280,896.00
g)	Solar Submersible PumpSet, 17.5HP	Each	4,896.00	301,296.00
h)	Solar Submersible PumpSet, 20HP	Each	4,896.00	358,896.00
i)	Solar Submersible PumpSet, 25HP	Each	4,896.00	388,896.00
j)	Solar Submersible PumpSet, 30HP	Each	4,896.00	448,896.00
k)	Solar Submersible PumpSet, 40HP	Each	4,896.00	520,896.00
31-30	Providing and fixing at Site Solar Pump Controller (MPPT), complete in all respects including all taxes.			
a)	Solar Pump Controller (MPPT) for KSB, Alarko, Grandfos or approved equivalent pumps (similar specifications)	Each	4.68	31.08
b)	Solar Pump Controller for Chinese Pumps	Each	4.68	22.68

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
31-31	Providing and fixing at Site of Solar Submersible Pumpset including Motor of KSB,Komax, Alarko, Grandfos or approved equivalent (similar specifications), complete in all respects including all taxes.			
a)	Solar DC Submersible PumpSet, 0.5HP	Each	2,448.00	32,448.00
b)	Solar DC Submersible PumpSet, 1HP	Each	2,448.00	45,648.00
c)	Solar DC Submersible PumpSet, 2HP	Each	2,448.00	62,448.00
d)	Solar DC Submersible PumpSet, 3HP	Each	2,448.00	86,448.00
31-32	Providing and fixing at Site of Certified Solar Submersible Pumpset including Motor of Chinese Make, complete in all respects including all taxes.			
a)	Solar Submersible PumpSet, 4HP	Each	1,224.00	97,224.00
b)	Solar Submersible PumpSet, 5HP	Each	1,224.00	121,224.00
c)	Solar Submersible PumpSet, 7.5HP	Each	2,448.00	164,448.00
d)	Solar Submersible PumpSet, 10HP	Each	2,448.00	188,448.00
e)	Solar Submersible PumpSet, 12.5HP	Each	2,448.00	236,448.00
f)	Solar Submersible PumpSet, 15HP	Each	2,916.00	254,916.00
g)	Solar Submersible PumpSet, 17.5HP	Each	2,916.00	284,916.00
h)	Solar Submersible PumpSet, 20HP	Each	2,916.00	302,916.00
i)	Solar Submersible PumpSet, 25HP	Each	3,672.00	327,672.00
j)	Solar Submersible PumpSet, 30HP	Each	3,672.00	357,672.00
k)	Solar Submersible PumpSet, 35HP	Each	4,896.00	412,896.00
l)	Solar Submersible PumpSet, 40HP	Each	4,896.00	382,896.00
31-33	Providing and fixing at Site Surge Protector Complete in all respect including installation and testing and commissioning.			
a)	Surge Protector (40 KVA) 3 Pole	Each	1,296.00	69,696.00
b)	Surge Protector (40 KVA) 4 Pole	Each	1,296.00	76,095.60
31-34	Providing and fixing at Site Remote Online System Monitoring Device, Complete in all respect including installation and testing and commissioning.	Each	11,232.00	395,232.00
31-35	Providing and fixing at Site System Control Panel (SCP), Complete in all respect including installation and testing and commissioning.	Each	7,488.00	67,488.00
31-36	Supply, Install, connect, test and commission of BATTERIES- & accessories.			
a)	battery Maintanance free Lio ion (POU) 100AH	Each	468.00	144,468.00
b)	battery Maintanance free 12 V GEL Imported 1000AH	Each	468.00	154,068.00
c)	battery Maintanance free 12 V GEL Imported 600AH	Each	468.00	78,468.00
d)	battery Maintanance free 12 V AGM 1000AH	Each	468.00	138,468.00
e)	battery Maintanance free 12 V AGM 600AH	Each	468.00	86,868.00
f)	battery Maintanance free 12 V AGM/GEL 100AH	Each	468.00	53,268.00
g)	battery Osaka 12 V 185AH	Each	468.00	49,668.00
h)	battery Phonix 12 V 230AH	Each	468.00	78,468.00

Sr.No	Description	Unit	Rate (Rs.)	
			Labour	Composite
i)	battery AGS 12 V 185AH	Each	468.00	62,868.00
j)	battery AGS 12 V 230AH	Each	468.00	83,268.00
k)	battery Lithium Narada 48 V 100AH	Each	468.00	480,468.00
l)	battery Osaka TA1600 Tabular plate deep cycle 12 V 150AH 9 plates	Each	468.00	51,468.00
m)	battery Osaka TA1800 Tabular plate deep cycle 12 V 185AH 5 plate	Each	468.00	50,868.00
n)	battery Osaka TA2500 Tabular plate deep cycle 12 V 230AH 9 plates	Each	468.00	66,468.00

Govt.of Balochistan Labour Rates 2023

Sr	No.	Description	Unit	Rates 2023
1	L1	Assistant Supervisor	Hrs	Rs 150.00
2	L2	Bahishti	Hrs	Rs 145.00
3	L3	Belcha Man	Hrs	Rs 150.00
4	L4	Bellow Boy	Hrs	Rs 140.00
5	L5	Black Smith	Hrs	Rs 150.00
6	L6	Boat Man	Hrs	Rs 220.00
7	L7	Brick Layer	Hrs	Rs 200.00
8	L8	Bullock Man	Hrs	Rs 150.00
9	L9	Canner	Hrs	Rs 175.00
10	L10	Carpenter	Hrs	Rs 220.00
11	L11	Carpenter Helper	Hrs	Rs 145.00
12	L12	Carpenter Shuttering	Hrs	Rs 200.00
13	L13	Carpenter Special	Hrs	Rs 250.00
14	L14	Chimney Cleaner	Hrs	Rs 150.00
15	L15	Chiseler	Hrs	Rs 150.00
16	L16	Chiseler Concrete	Hrs	Rs 150.00
17	L17	Chiseler Helper	Hrs	Rs 140.00
18	L18	Chiseler Marble	Hrs	Rs 150.00
19	L19	Chowkidar	Hrs	Rs 150.00
20	L20	Compacting Effort	Hrs	Rs 145.00
21	L21	Crane Operator	Hrs	Rs 250.00
22	L22	Crane Operator Helper	Hrs	Rs 150.00
23	L23	Digger	Hrs	Rs 150.00
24	L24	Dolley Man	Hrs	Rs 250.00
25	L25	Dresser	Hrs	Rs 145.00
26	L26	Driller	Hrs	Rs 150.00
27	L27	Driller For Wells	Hrs	Rs 150.00
28	L28	Driller Rock	Hrs	Rs 145.00
29	L29	Driver	Hrs	Rs 140.00
30	L30	Electrician	Hrs	Rs 240.00
31	L31	Electrician Helper	Hrs	Rs 150.00
32	L32	Site Engineer	Hrs	Rs 250.00
33	L33	Engraver	Hrs	Rs 230.00
34	L34	Excavator	Hrs	Rs 150.00
35	L35	Fitter	Hrs	Rs 140.00
36	L36	Floor Grinder with Machine	Hrs	Rs 145.00
37	L37	Floor Polisher	Hrs	Rs 150.00
38	L38	Foreman	Hrs	Rs 240.00
39	L39	Glazier	Hrs	Rs 230.00
40	L40	Hammer Man	Hrs	Rs 150.00
41	L41	Heavy Load Lifter	Hrs	Rs 155.00
42	L42	Helper	Hrs	Rs 140.00
43	L43	Labour	Hrs	Rs 140.00
44	L44	Labour Skilled	Hrs	Rs 150.00

Govt.of Balochistan Labour Rates 2023

Sr	No.	Description	Unit	Rates 2023
45	L45	Machine Operator for Spray Machine	Hrs	Rs 220.00
46	L46	Marble Stone Polisher	Hrs	Rs 225.00
47	L47	Mason	Hrs	Rs 245.00
48	L48	Mason For Dressing Stone	Hrs	Rs 175.50
49	L49	Mason For Pointing	Hrs	Rs 150.00
50	L50	Mason Helper	Hrs	Rs 140.00
51	L51	Mate	Hrs	Rs 140.00
52	L52	Mistri	Hrs	Rs 250.00
53	L53	Painter	Hrs	Rs 245.00
54	L54	Painter Helper	Hrs	Rs 140.00
55	L55	Pipe Fitter	Hrs	Rs 220.00
56	L56	Pipe Layer	Hrs	Rs 210.00
57	L57	Plasterer	Hrs	Rs 165.00
58	L58	Plasterer Special Class	Hrs	Rs 200.00
59	L59	Plumber	Hrs	Rs 240.00
60	L60	Polisher	Hrs	Rs 150.00
61	L61	Quarry Man	Hrs	Rs 150.00
62	L62	Rock Breaker	Hrs	Rs 165.00
63	L63	Sanitary Worker	Hrs	Rs 150.00
64	L64	Sawing Charges	Cft.	Rs 120.00
65	L65	Shovel Man	Hrs	Rs 140.00
66	L66	Smith Coolly	Hrs	Rs 145.00
67	L67	Spray Man	Hrs	Rs 220.00
68	L68	Steel Bender Operator	Hrs	Rs 145.00
69	L69	Steel Cutter Operator	Hrs	Rs 145.00
70	L70	Steel Fitter	Hrs	Rs 170.00
71	L71	Steel Fixer	Hrs	Rs 200.00
72	L72	Steel Helper	Hrs	Rs 140.00
73	L73	Steel Labour Mate	Hrs	Rs 140.00
74	L74	Steel Mistry	Hrs	Rs 150.00
75	L75	Stone Chiseler	Hrs	Rs 150.00
76	L76	Supervisor	Hrs	Rs 170.00
77	L77	Surveyor	Hrs	Rs 170.00
78	L78	Technician	Hrs	Rs 155.00
79	L79	Tile Layer	Hrs	Rs 150.00
80	L80	Tile Layer Glazed	Hrs	Rs 155.00
81	L81	Weaver	Hrs	Rs 145.00
82	L82	Welder	Hrs	Rs 230.00
83	L83	White Washer	Hrs	Rs 170.00
84	L84	Wood Cutter	Hrs	Rs 145.00
85	L85	Worker Semi Skilled	Hrs	Rs 150.00
86	L86	Worker Skilled	Hrs	Rs 200.00
87	L87	Cooly	Hrs	Rs 150.00
88	L88	Beldar	Hrs	Rs 150.00

INPUT PLANT & EQUIPMENT / MACHINERY Hire Charges INCLUDING OPERATOR RATES

#	code	Description	unit		Rate (Rs.)
1	P1	10 ton truck	Day	@	3,000
2	P2	Trackor with trolley (For Bricks)	Day	@	3,500
3	P3	Donkey (with cart)	Day	@	1,800
4	P4	Trailer with operator and fuel.(10 wheeler)	Day	@	12,000
5	P5	Trailer with operator and fuel.(22 wheeler)	Day	@	16,000
6	P6	Bullock	Hrs	@	450
7	P7	Bulldozer C-14	Hrs	@	5,500
8	P8	Excavator	Hrs	@	4,361
9	P9	Earth carrier	Hrs	@	225
10	P10	Motor Grader 90 H.P.	Hrs	@	3,872
11	P11	Motor Grader 165 H.P.	Hrs	@	5,377
12	P12	Pump including POL with driver	Hrs	@	525
13	P13	Road roller 10-15 ton capacity	Hrs	@	3,119
14	P14	Sheep foot roller	Hrs	@	3,000
15	P15	Tractor with operator	Hrs	@	1,100
16	P16	Vibratory roller 10-12 Ton	Hrs	@	4,200
17	P17	Water tanker, 1000 gallon capacity	Hrs	@	1,000
18	P18	Welding plant	Hrs	@	950
19	P19	Tractor with trolley	Hrs	@	750
20	P20	Jack Hammer	Hrs	@	5,500
21	P21	Dumper Truck (Imported) (18 Ton)	Hrs	@	3,891
22	P22	Wheel Tractor with Blade	Hrs	@	950
23	P23	Plate Compactor	Hrs	@	463
24	P24	Air compressor	Hrs	@	900
25	P25	Manual Jack Hammer	Hrs	@	800
26	P26	Bitumen mixer with fuel & operator	Hrs	@	2,500
27	P27	Concrete Batching Plant (30 Cum/Hr.)	Hrs	@	3,650
28	P28	Concrete mixer with operator - 5 Cu.ft.	Hrs	@	465
29	P29	Crane 3 ton capacity	Hrs	@	650
30	P30	Drill machine	Hrs	@	55
31	P31	Grout pump mixer	Hrs	@	140
32	P32	Concrete Pump (4"Delivery)	Hrs	@	3,525
33	P33	Steel bar bending machine	Hrs	@	80
34	P34	Steel bar cutting machine	Hrs	@	80
35	P35	Concrete Transit Mixer (6 cum)	Hrs	@	4,213
36	P36	Tar boiler with attendant	Hrs	@	150
37	P37	Asphalt mixing plant including other equipmen	Hrs	@	69,800
38	P38	Boring of tubewell equipment (Manual)	Hrs	@	480
39	P39	Bucket	Day	@	10
40	P40	Crane 20 ton capacity	Hrs	@	4,000
41	P41	Crane 10 ton capacity	Hrs	@	2,000
42	P42	Crane 6 ton capacity	Hrs	@	900
43	P43	Cutting machine for G.I. pipes	Hrs	@	70
44	P44	Cutting machine (prestressing wire)	Hrs	@	55
45	P45	Floor grinding machine with grinder	Hrs	@	125
46	P46	Harrowing disc with tractor	Hrs	@	450
47	P47	Hand roller 1/2 ton	Hrs	@	60
48	P48	High pressure hand pump	Hrs	@	15

#	code	Description	unit		Rate (Rs.)
49	P49	Hydraulic jack	Hrs	@	510
50	P50	Immersion vibrator	Hrs	@	386
51	P51	Injection pump	Hrs	@	180
52	P52	Pile driving plant with accessories	Hrs	@	1,400
53	P53	Piling plant including fuel, operator & other staff	Hrs	@	9,500
54	P54	Pneumatic tyre roller	Hrs	@	4,767
55	P55	Pump set 10 H.P	Hrs	@	1,210
56	P56	Rammer	Hrs	@	95
57	P57	Rig	Hrs	@	800
58	P58	Riveting machine	Hrs	@	40
59	P59	Road compactor	Hrs	@	1,000
60	P60	Road roller 6 ton capacity	Hrs	@	2,800
61	P61	Screened vibrator	Hrs	@	80
62	P62	Skip bucket	Hrs	@	15
63	P63	Spray machine	Hrs	@	80
64	P64	Tar boiler with sprayer	Hrs	@	100
65	P65	Tanker	Hrs	@	1,000
66	P66	Tractor 98HP for sheep foot roller	Hrs	@	1,332
67	P67	Truck 8 ton capacity (Dumper)	Hrs	@	2,480
68	P68	Vibrator including operator	Hrs	@	200
69	P69	Welding machine	Hrs	@	950
70	P70	Donkey	Hrs	@	450
71	P71	Tractor (without trolley)	Hrs	@	2,000
72	P72	Frog Compactor	Hrs	@	480
73	P73	Bamboo Scaffolding	Hrs	@	8
74	P74	Steel Scaffolding	Hrs	@	28
75	P75	Steel Shuttering including Polyvinly board	Hrs	@	30
76	P76	Putz meister plastering machine	Hrs	@	200
77	P77	Cold Milling Machine. 1 M Width	Hrs	@	11,422
78	P78	Percussion Boring Machine	Hrs	@	950
79	P79	Laser Levelling Machine	Hrs	@	4,000
80	P80	Paver 4 M wide	Hrs	@	5,521
81	P81	Bitmac Plant	Hrs	@	9,950
82	P82	Bitumen Distributor Tow Type (2000 liters)	Hrs	@	3,500
83	P83	Rotary Rig	Hrs	@	2,000
84	P84	Foum Drilling Machine	Hrs	@	3,500
85	P85	Air Drilling Machine	Hrs	@	3,000

S No.	New Code	Description	Unit	Rate (Rs.)
1	M1	AC Down Pipe 100 mm dia	Each	425.00
2	M2	AC Head 100 mm dia	Each	185.00
3	M3	AC Head 80 mm dia	Each	170.00
4	M4	AC Off set 100 mm dia	Each	315.00
5	M5	AC Off set 80 mm dia	Each	300.00
6	M6	Non Asbestos Cement Fiber Pipe 65 mm dia	RM	465.00
7	M7	Non Asbestos Cement Fiber Pipe 80 mm dia	RM	750.00
8	M8	Non Asbestos Cement Fiber Pipe 100 mm dia	RM	1,000.00
9	M9	Non Asbestos Cement Fiber Pipe 150 mm dia	RM	1,585.00
10	M10	F C Pipe Class B 75 mm dia	RM	760.00
11	M11	F C Pipe Class B 100 mm dia	RM	910.00
12	M12	F C Pipe Class B 150 mm dia	RM	1,585.00
13	M13	Non Asbestos Cement Fiber Pipe Class B 200 mm dia	RM	2,615.00
14	M14	Non Asbestos Cement Fiber Pipe Class B 250 mm dia	RM	3,750.00
15	M15	Non Asbestos Cement Fiber Pipe Class B 300 mm dia	RM	4,720.00
16	M16	Non Asbestos Cement Fiber Pipe Class B 350 mm dia	RM	6,050.00
17	M17	Non Asbestos Cement Fiber Pipe Class B 400 mm dia	RM	7,700.00
18	M18	Non Asbestos Cement Fiber Pipe Class B 450 mm dia	RM	9,500.00
19	M19	Non Asbestos Cement Fiber Pipe Class B 500 mm dia	RM	11,500.00
20	M20	Non Asbestos Cement Fiber Pipe Class B 600 mm dia	RM	16,600.00
21	M21	Non Asbestos Cement Fiber Pipe Class C 75 mm dia.	RM	715.00
22	M22	Non Asbestos Cement Fiber Pipe Class C 100 mm dia	RM	1,020.00
23	M23	Non Asbestos Cement Fiber Pipe Class C 150 mm dia.	RM	1,830.00
24	M24	Non Asbestos Cement Fiber Pipe Class C 200 mm dia	RM	2,850.00
25	M25	Non Asbestos Cement Fiber Pipe Class C 250 mm dia	RM	4,050.00
26	M26	Non Asbestos Cement Fiber Pipe Class C 300 mm dia	RM	5,600.00
27	M27	Non Asbestos Cement Fiber Pipe Class C 350 mm dia	RM	8,600.00
28	M28	Non Asbestos Cement Fiber Pipe Class C 400 mm dia	RM	10,800.00
29	M29	Non Asbestos Cement Fiber Pipe Class C 450 mm dia	RM	13,400.00
30	M30	Non Asbestos Cement Fiber Pipe Class C 500 mm dia	RM	16,000.00
31	M31	Non Asbestos Cement Fiber Pipe Class C 600 mm dia	RM	22,500.00
32	M32	Non Asbestos Cement Fiber Pipe Class D 75 mm dia.	RM	700.00
33	M33	Non Asbestos Cement Fiber Pipe Class D 100 mm dia	RM	1,240.00
34	M34	Non Asbestos Cement Fiber Pipe Class D 150 mm dia	RM	2,250.00
35	M35	Non Asbestos Cement Fiber Pipe Class D 200 mm dia	RM	4,050.00
36	M36	Non Asbestos Cement Fiber Pipe Class D 250 mm dia	RM	5,900.00
37	M37	Non Asbestos Cement Fiber Pipe Class D 300 mm dia	RM	8,500.00
38	M38	Non Asbestos Cement Fiber Pipe Class D 350 mm dia	RM	13,050.00
39	M39	Non Asbestos Cement Fiber Pipe Class D 400 mm dia	RM	16,500.00
40	M40	Non Asbestos Cement Fiber Pipe Class D 450 mm dia	RM	20,000.00
41	M41	Non Asbestos Cement Fiber Pipe Class D 500 mm dia	RM	24,400.00
42	M42	Non Asbestos Cement Fiber Pipe 4" dia. Class C	RM	600.00
43	M43	Non Asbestos Cement Fiber Pipe 6" dia. Class C	RM	780.00
44	M44	Non Asbestos Cement Fiber Plain Bend 100 mm dia	Each	550.00
45	M45	Non Asbestos Cement Fiber Plain Bend 80 mm dia	Each	475.00
46	M46	Non Asbestos Cement Fiber Pipe Spouts 60 mm dia	RM	550.00
47	M47	Non Asbestos Cement Fiber Pipe Spouts 80 mm dia	RM	640.00
48	M48	Non Asbestos Cement Fiber Pipe Spouts 100 mm dia	RM	780.00
49	M49	Non Asbestos Cement Fiber ridge	Pair	870.00
50	M50	Non Asbestos Cement Fiber Pipe Shoe 100 mm	Each	150.00
51	M51	Non Asbestos Cement Fiber Pipe Shoe 80 mm	Each	120.00
52	M52	Non Asbestos Cement Fiber Sheet corrugated	Sqm	480.00
53	M53	Non Asbestos Cement Fiber Sheet corrugated colored	Sqm	500.00
54	M54	Non Asbestos Cement Fiber Sheet Plain	Sqm	670.00
55	M55	Non Asbestos Cement Fiber valley gutter	RM	720.00
56	M56	Adhesive	Kg	230.00

S No.	New Code	Description	Unit	Rate (Rs.)
57	M57	Air entraining agent	litre	317.00
58	M58	Aluminum Angle/flat	Kg	410.00
59	M59	Aluminum Curtain Rail	Rft	155.00
60	M60	Aluminum Finger Plate	Each	208.00
61	M61	Aluminum Sheet	Kg	349.00
62	M62	Aluminum Screw 3/4" size	Each	5.00
63	M63	Aluminum Screw 1 1/2" size	Each	6.00
64	M64	Aluminum Strip 5/8" x 1/8"	RM	171.00
65	M65	Aluminum Strip 7/8" x 1/16"	RM	137.00
66	M66	Aluminum Tower Bolt 4"	Each	180.00
67	M67	Aluminum Tower Bolt 6"	Each	204.00
68	M68	Aluminum Tower Bolt 8"	Each	283.00
69	M69	Aluminum Wire gauze	Sft	107.00
70	M70	Anchorage cones for 12/5 mm Cable	Set	4,183.00
71	M71	Anchorage cones for 12/7mm Cable	Set	4,967.00
72	M72	Anchorage cones for 12/8 mm Cable	Set	5,533.00
73	M73	Angle Iron	Kg	251.00
74	M74	Angle Iron Bracket	pair	167.00
75	M75	Architectural coating (Rockwall Durock etc.)	Sqm	135.00
76	M76	Asphalt RC 70	Kg	154.00
77	M77	Air Valve 65 mm dia Single BSS quality	Each	5,200.00
78	M78	Air Valve 65 mm dia Double BSS quality	Each	10,567.00
79	M79	Bolts & Nuts	Each	23.00
80	M80	Balli 4" dia.	Rft	27.00
81	M81	Balli 3" dia.	Rft	20.00
82	M82	Bamboos 1.5" dia	RM	63.00
83	M83	Bamboo 2" 2.5" dia	RM	112.00
84	M84	Bamboo 3" dia	RM	123.00
85	M85	Bamboo 3.5" to 4" dia	RM	127.00
86	M86	Barbed Wire (16 Guage)	Kg	239.00
87	M87	Barbed Wire 3 Ply	Kg	290.00
88	M88	Base coarse Aggregate	Cum	1,850.00
89	M89	Bearing Steel	Kg	422.00
90	M90	Bearing pad Rubber	Each	27,933.00
91	M91	Bentonite Powder	Kg	43.00
92	M92	Blasting Powder	Kg	343.00
93	M93	Bottle for sampling	Each	67.00
94	M94	Bottle Trap	Each	1,000.00
95	M95	Bhoosa	Kg	44.00
96	M96	Bidet	Each	6,467.00
97	M97	Bidet kit	Each	6,600.00
98	M98	Bitumen 60/70	Kg	135.00
99	M99	Bitumen 80/100	Kg	150.00
100	M100	Bitumen cold sticker	Kg	102.00
101	M101	Bitumen compound	Kg	136.00
102	M102	Bitumen felt 3 Ply	Sqm	323.00
103	M103	Bitumen filler – pre molded 2" deep	RM	100.00
104	M104	Bitumen Plastic	Kg	88.00
105	M105	Bitumen washers	Each	6.00
106	M106	Binding Wire	Kg	290.00
107	M107	Bolts & Nuts	Kg	443.00
108	M108	Brass Bib/Stop Cock 1/2" dia.	Each	433.00
109	M109	Brass Bib/Stop Cock 3/4" dia.	Each	507.00
110	M110	Brass Bib/Stop Cock 1" dia.	Each	653.00
111	M111	Brass Butt Hinges 2"	Each	450.00
112	M112	Brass Butt Hinges 3"	Each	410.00

S No.	New Code	Description	Unit	Rate (Rs.)
113	M113	Brass Butt Hinges 4"	Each	407.00
114	M114	Brass Butt Hinges 5"	Each	453.00
115	M115	Brass Bolts 30 mm	Each	223.00
116	M116	Brass Ball Valve 15 mm	Each	662.00
117	M117	Brass Ball Valve 20 mm	Each	750.00
118	M118	Brass Ball Valve 25 mm	Each	1,135.00
119	M119	Brass Ball Valve 30 mm	Each	1,812.00
120	M120	Brass Ball Valve 40 mm	Each	2,382.00
121	M121	Brass Ball Valve 50 mm	Each	3,282.00
122	M122	Brass finger plate	Each	687.00
123	M123	Brass Gas Cock 1/2" dia	Each	620.00
124	M124	Brass Gas Cock 3/4" dia	Each	1,038.00
125	M125	Brass Handle size100 mm	Each	1,333.00
126	M126	Brass Handle size125 mm	Each	1,450.00
127	M127	Brass Handle size175 mm	Each	1,660.00
128	M128	Brass circular rod Handle 5" size	Each	512.00
129	M129	Brass Handle with plate	Each	1,617.00
130	M130	Brass Hasp & Staple 2"	Each	733.00
131	M131	Brass Hasp & Staple 3"	Each	893.00
132	M132	Brass Hasp & Staple 4"	Each	1,123.00
133	M133	Brass Hasp & Staple 5"	Each	1,290.00
134	M134	Brass Hook & Eye 4"	Each	667.00
135	M135	Brass Hook & Eye 6"	Each	927.00
136	M136	Brass Hook	Each	277.00
137	M137	Brass Helical Spring 4" Double action	Each	1,640.00
138	M138	Brass Helical Spring 6" Double action	Each	2,017.00
139	M139	Brass Helical Spring 4" Single action	Each	1,173.00
140	M140	Brass Helical Spring 6" Single action	Each	1,563.00
141	M141	Brass parliament Hinges 5" x 5"	Each	1,103.00
142	M142	Brass peg 6 x 4	Each	258.00
143	M143	Brass piano Hinge	Rft	68.00
144	M144	Brass quadrant stay	Each	285.00
145	M145	Brass Railing	Kg	917.00
146	M146	Brass ring 1" dia	Each	27.00
147	M147	Brass ring 1.25" dia	Each	36.00
148	M148	Brass rollers	Each	63.00
149	M149	Brass roller 1.5" dia	Each	200.00
150	M150	Brass Screw 1/2" size	Each	9.00
151	M151	Brass Screw 3/4" size	Each	10.00
152	M152	Brass Screw 1" size	Each	15.00
153	M153	Brass Screw 1.25" size	Each	14.00
154	M154	Brass Screw 1.5" size	Each	18.00
155	M155	Brass Screw 3"	Each	26.00
156	M156	Brass Sliding Bolt 6" x 1/2"	Each	997.00
157	M157	Brass Sliding Bolt 9" x 5/8"	Each	1,317.00
158	M158	Brass Sliding Bolt 10" x 5/8"	Each	1,383.00
159	M159	Brass Sliding Bolt 12" x 3/4"	Each	1,600.00
160	M160	Brass Socket for floor	Each	222.00
161	M161	Brass Socket 3/4" dia	Each	507.00
162	M162	Brass Strainer Shoe 50 mm dia	Each	450.00
163	M163	Brass Stopper	Each	1,077.00
164	M164	Brass Strainer 50 mm dia	RM	5,950.00
165	M165	Brass Strainer 75 mm dia	RM	10,824.00
166	M166	Brass Strainer 100 mm dia	RM	13,940.00
167	M167	Brass Strainer 125 mm dia	RM	17,810.00
168	M168	Brass Strainer 150 mm dia	RM	20,075.00

S No.	New Code	Description	Unit	Rate (Rs.)
169	M169	Brass Strainer 175 mm dia	RM	24,125.00
170	M170	Brass Strainer 200 mm dia	RM	28,585.00
171	M171	Brass Strainer 225 mm dia	RM	29,750.00
172	M172	Brass Strainer 250 mm dia	RM	32,800.00
173	M173	Brass Strainer 250 mm dia	RM	36,735.00
174	M174	Brass Strainer 300 mm dia	RM	47,888.00
175	M175	Brass Strainer 375 mm dia	RM	59,040.00
176	M176	Brass Strainer 450 mm dia	RM	67,240.00
177	M177	Brass Strainer 500 mm dia	RM	74,130.00
178	M178	Brass Strainer 550 mm dia	RM	85,280.00
179	M179	Brass Tube 3/4" dia	R.ft	325.00
180	M180	Brass Tower Bolt 6"	Each	250.00
181	M181	Brass Tower Bolt 9"	Each	198.00
182	M182	Brass Tower Bolt 12"	Each	400.00
183	M183	Brass work	Kg	287.00
184	M184	Bricks	Each	16.00
185	M185	Brick 2nd class	Each	14.00
186	M186	Brick/ Stone bats	Cum	970.00
187	M187	Brick/ Stone Ballast	Cum	1,107.00
188	M188	Brick/ Stone Ballast verified	Cum	1,107.00
189	M189	Brick sundried	Each	26.00
190	M190	Bricks special	Each	18.00
191	M191	Brick Tiles	Each	15.00
192	M192	Brick Tiles (2" thick)	Each	23.00
193	M193	Broom	Each	45.00
194	M194	Bajri	Cum	1,494.00
195	M195	Bath Tub porcelain enameled	Each	3,667.00
196	M196	Bath Tub Fiber Glass	Each	21,333.00
197	M197	Bath Tub C P Brass Chain with Rubber Plug	Each	1,617.00
198	M198	Bath Tub C P Brass pillar tap	Each	4,667.00
199	M199	Bath Tub C P Brass overflow	Each	1,633.00
200	M200	Bath Tub C P Brass waste	Each	472.00
201	M201	Bucket 4 gals. capacity	Each	490.00
202	M202	Building Stone	Cum	1,230.00
203	M203	Bushing (Gun metal)	Kg	58.00
204	M204	Cane Singapore	Kg	1,640.00
205	M205	Cane Plastic	Kg	533.00
206	M206	Carbon rod	Each	27.00
207	M207	Carborundum Stone	Each	337.00
208	M208	Caustic soda	Kg	213.00
209	M209	Cement high Alumina	Kg	26.00
210	M210	Cement OPC	Kg	22.00
211	M211	Cement rapid hardening	Kg	26.00
212	M212	Cement sulphate resistant.	Kg	28.00
213	M213	Cement White	Kg	33.00
214	M214	Cement liquid compound	Litre	30.00
215	M215	Charcoal	Kg	85.00
216	M216	Chain	Kg	323.00
217	M217	Chain for cycle stand	Each	95.00
218	M218	Chalk	Kg	22.00
219	M219	Chalking compound	Litre	108.00
220	M220	Channel Iron	Kg	266.00
221	M221	Chip Board 3/4" thick	Sft	88.00
222	M222	CI Bend 4" dia.	Each	877.00
223	M223	CI Bend 3" dia.	Each	543.00
224	M224	CI Cover and Frame medium duty	Each	1,043.00

S No.	New Code	Description	Unit	Rate (Rs.)
225	M225	CI Cover and Frame 24" size medium duty	Each	2,133.00
226	M226	CI Cover & Frame	Kg	122.00
227	M227	CI Frame of any size	Kg	187.00
228	M228	CI foot rest	Each	262.00
229	M229	C P floor Trap with grating	Each	793.00
230	M230	C P floor Trap with grating	Each	793.00
231	M231	Concrete gully Trap	Each	373.00
232	M232	C P gully Trap 6" x 6" x 4"	Each	603.00
233	M233	Cast Iron grating	Kg	163.00
234	M234	CI head 4" dia.	Each	263.00
235	M235	CI head 3" dia	Each	192.00
236	M236	CI off set 4" dia.	Each	242.00
237	M237	CI off set 3" dia.	Each	242.00
238	M238	CI Pipe 50 mm dia.	RM	3,317.00
239	M239	CI Pipe 75 mm dia.	RM	4,066.00
240	M240	CI Pipe 100 mm dia.	RM	5,134.00
241	M241	CI Pipe 150 mm dia	RM	7,414.00
242	M242	CI Pipe 230 mm dia	RM	13,056.00
243	M243	CI Pipe Spouts 50 mm dia	RM	432.00
244	M244	CI Pipe Spouts 80 mm dia	RM	663.00
245	M245	CI Pipe Spouts 100 mm dia	RM	840.00
246	M246	CI P Trap 4"	Each	613.00
247	M247	CI Shoe 4" dia	Each	249.00
248	M248	CI Shoe 3" dia	Each	189.00
249	M249	CI Shoe	Kg	116.00
250	M250	CI specials	Kg	201.00
251	M251	CI Sluice Valve 75 mm dia	Each	9,090.00
252	M252	CI Sluice Valve 100 mm dia	Each	18,937.00
253	M253	CI Sluice Valve 150 mm dia	Each	24,240.00
254	M254	CI Sluice Valve 230 mm dia	Each	29,542.00
255	M255	CI Sluice Valve 300 mm dia	Each	45,000.00
256	M256	CI Sluice Valve 375 mm dia	Each	55,000.00
257	M257	CI Sluice Valve 450 mm dia	Each	100,000.00
258	M258	CI Sluice Valve 525 mm dia	Each	115,000.00
259	M259	CI Sluice Valve 600 mm dia	Each	155,000.00
260	M260	CI Sluice Valve 675 mm dia	Each	200,000.00
261	M261	CI Sluice Valve 750 mm dia	Each	260,000.00
262	M262	Cinder	Cum	368.00
263	M263	Clamps Bolts & Nuts	Each	133.00
264	M264	Clay	Cum	102.00
265	M265	Clamps	Each	43.00
266	M266	Clamp Screw	Each	17.00
267	M267	Cloth cotton	Sft	28.00
268	M268	Cloth silken	Sft	35.00
269	M269	Cloth woolen	Sft	30.00
270	M270	Coal Tar	Kg	171.00
271	M271	Comet Joints 80 mm dia.	Each	180.00
272	M272	Comet Joints 100 mm dia.	Each	482.00
273	M273	Comet Joints 150 mm dia.	Each	658.00
274	M274	Copper Sheet	Kg	1,500.00
275	M275	Copper connection	Each	263.00
276	M276	Copper Wire/plate	Kg	3,217.00
277	M277	Core	RM	160.00
278	M278	Cork Sheet 1/2" thick	Sqm	820.00
279	M279	Cork Sheet 19mm thick	Sqm	1,137.00
280	M280	Cork Sheet 25 mm thick	Sqm	1,867.00

S No.	New Code	Description	Unit	Rate (Rs.)
281	M281	Cork Sheet 37.5mm thick	Sqm	2,683.00
282	M282	Cork Sheet 50 mm thick	Sqm	2,907.00
283	M283	Coir string	Kg	82.00
284	M284	Cotton string	Kg	110.00
285	M285	Cotton tape	RM	25.00
286	M286	Cow dung	Cum	123.00
287	M287	C P Bib Cock 1/2"	Each	773.00
288	M288	C P Bib Cock 3/4"	Each	1,277.00
289	M289	C P Brass clamp	Each	307.00
290	M290	C P Brass Curtain Rail	Rft	210.00
291	M291	C P Hasp & Staple 2"	Each	45.00
292	M292	C P Hasp & Staple 3"	Each	72.00
293	M293	C P Hasp & Staple 4"	Each	73.00
294	M294	C P Hasp & Staple 5"	Each	66.00
295	M295	C P Brass Handle 4" size	Each	110.00
296	M296	C P Brass Handle 5" size	Each	125.00
297	M297	C P Brass Handle 7" size	Each	207.00
298	M298	C P Brass Screw (1.5")	Each	47.00
299	M299	C P Brass Shower 1/2" with 4" dia. lid	Each	2,400.00
300	M300	C P Brass Shower 1/2" with 6" dia. lid	Each	4,067.00
301	M301	C P Brass Sliding Bolt 6" x 1/2"	Each	950.00
302	M302	C P Brass Sliding Bolt 9" x 5/8"	Each	1,390.00
303	M303	C P Brass Sliding Bolt 10" x 5/8"	Each	1,550.00
304	M304	C P Brass Sliding Bolt 12" x 3/4"	Each	1,967.00
305	M305	C P Brass Socket 3/4" dia	Each	280.00
306	M306	C P Brass Shower rose	Each	5,200.00
307	M307	C P Brass Tube 3/4" dia.	Rft	165.00
308	M308	C P Brass Tower Bolt 6"	Each	667.00
309	M309	C P Brass Tower Bolt 9"	Each	797.00
310	M310	C P Brass Tower Bolt 12"	Each	1,183.00
311	M311	C P Bottle Trap 1 1/4"	Each	1,567.00
312	M312	C P Bottle Trap 1 1/2"	Each	1,633.00
313	M313	C P Brass toilet paper Holder (Master Sonex etc.)	Each	1,170.00
314	M314	C P Cover	Each	83.00
315	M315	C P Chain	Each	395.00
316	M316	C P Brass Chain with pull	Each	583.00
317	M317	C P Chain with Rubber Plug	Each	700.00
318	M318	C P Chain with Rubber Plug	Each	757.00
319	M319	C P Check Valve 15 mm dia	Each	473.00
320	M320	C P Check Valve 20 mm dia	Each	592.00
321	M321	C P Check Valve 25 mm dia	Each	1,630.00
322	M322	C P Check Valve 30 mm dia	Each	2,857.00
323	M323	C P Check Valve 40 mm dia	Each	4,887.00
324	M324	C P Check Valve 50 mm dia	Each	6,717.00
325	M325	C P flushing Valve 1"	Each	780.00
326	M326	C P Gas Cock 1/4" dia. Three way	Each	470.00
327	M327	C P Gas Cock 1/4" dia. Double way	Each	380.00
328	M328	C P Gas Cock 1/4" dia. Single way	Each	387.00
329	M329	C P mixer Single hole deluxe	Each	4,461.00
330	M330	C P pillar Cock 12	Each	1,425.00
331	M331	C P pillar Cock 20	Each	1,550.00
332	M332	C P ring 1" dia	Each	47.00
333	M333	C P ring 1.25" dia	Each	65.00
334	M334	C.P Shower mixer complete set (Sonex Master etc.)	Each	18,000.00
335	M335	C P Stop Cock	Each	1,240.00
336	M336	C P Stop Cock	Each	1,407.00

S No.	New Code	Description	Unit	Rate (Rs.)
337	M337	C P underground Stop Cock	Each	2,200.00
338	M338	C P underground Stop Cock	Each	2,537.00
339	M339	C.P Shower kit	Each	17,833.00
340	M340	C P Swan neck Cock Double way	Each	6,090.00
341	M341	C P Swan neck Cock Single way	Each	1,923.00
342	M342	C P Tee Stop Cock 1/2"	Each	1,157.00
343	M343	C P Towel Rail with Brackets and Screws 24"	Each	963.00
344	M344	C P Towel Rail with Brackets and Screws 30"	Each	1,163.00
345	M345	C P Brass waste	Each	610.00
346	M346	C P Waste Coupling 30 mm	Each	363.00
347	M347	C P Waste Coupling 40 mm	Each	513.00
348	M348	Cow dung1	Cum	405.00
349	M349	Crush Pan	Cum	2,483.00
350	M350	Crushed Aggregate 1/2" & down gauge	Cum	1,700.00
351	M351	Crushed Aggregate 3/8" & down gauge	Cum	1,833.00
352	M352	Crushed Aggregate 3/4" & down gauge	Cum	1,867.00
353	M353	Crushed Aggregate 1 1/2" & down gauge	Cum	1,683.00
354	M354	Crushed Aggregate Approved1/2" & down gauge	Cum	1,683.00
355	M355	Crushed Aggregate Approved3/4" 3/8"	Cum	1,750.00
356	M356	Crushed Aggregate Approved3/8" & No 4	Cum	1,947.00
357	M357	Crushed Aggregate Approved1 1/2" & down gauge	Cum	1,723.00
358	M358	D.I. Pipe 100 mm dia.	RM	1,465.00
359	M359	D.I. Pipe 150 mm dia.	RM	2,540.00
360	M360	D.I. Pipe 200 mm dia.	RM	2,900.00
361	M361	D.I. Pipe 250 mm dia.	RM	3,660.00
362	M362	D.I. Pipe 300 mm dia.	RM	5,100.00
363	M363	D.I. Pipe 400 mm dia.	RM	6,600.00
364	M364	D.I. Pipe 450 mm dia.	RM	7,300.00
365	M365	D.I. Pipe 500 mm dia.	RM	7,990.00
366	M366	D.I. Pipe 600 mm dia.	RM	9,610.00
367	M367	Door Frame molded Steel 5" size 16 G	Rft	290.00
368	M368	Door Frame molded Steel 10" size 16 G	Rft	490.00
369	M369	Door Frame molded Steel 5" size 18 G	Rft	383.00
370	M370	Door Frame molded Steel 10" size 18 G	Rft	477.00
371	M371	Door with Frame Aluminum swing	Sq.ft	1,466.00
372	M372	Door with Frame Aluminum Sliding	Sq.ft	1,317.00
373	M373	Door with Frame gauzed Aluminum Sliding	Sq.ft	1,477.00
374	M374	Door with Frame Single leaf 2.5' x 7'	Sq.ft	1,850.00
375	M375	Door with Frame Double leaf 4' x 7'	Sq.ft	2,583.00
376	M376	Door with Frame Single leaf 2.5' x 7' P	Sq.ft	3,200.00
377	M377	Door with Frame Double leaf 4' x 7' P	Sq.ft	3,233.00
378	M378	Door with Frame Galvanized Single leaf 2.5' x 7'	Sq.ft	1,600.00
379	M379	Door with Frame Galvanized Double leaf 4' x 7'	Sq.ft	2,483.00
380	M380	Door Holder shovel (5505/5506)	Each	833.00
381	M381	Door Holder shovel (5510)	Each	840.00
382	M382	Door Holder shovel (5511)	Each	983.00
383	M383	Dowel bar clamps	Kg	370.00
384	M384	Drum empty	Each	2,333.00
385	M385	Earth	Each	4,400.00
386	M386	Electric Bell	Each	750.00
387	M387	Electric Charges Commercial	kwh	36.00
388	M388	Electric Bell push	Each	220.00
389	M389	Electric Blub Holder Brass	Each	150.00
390	M390	Electric Blub Holder Plastic	Each	120.00
391	M391	Electric Cable Single Core 1.5 Sqmm	RM	57.00
392	M392	Electric Cable Single Core 2.5 Sqmm	RM	94.00

S No.	New Code	Description	Unit	Rate (Rs.)
393	M393	Electric Cable Single Core 4 Sqmm	RM	143.00
394	M394	Electric Cable Single Core 5 Sqmm	RM	57.00
395	M395	Electric Cable Single Core 6 Sqmm	RM	208.00
396	M396	Electric Cable Single Core 10 Sqmm	RM	347.00
397	M397	Electric Cable Single Core 16 Sqmm	RM	507.00
398	M398	Electric Cable Single Core 25 Sqmm	RM	801.00
399	M399	Electric Cable Single Core 35 Sqmm	RM	1,157.00
400	M400	Electric Cable Single Core 50 Sqmm	RM	1,847.00
401	M401	Electrolytic Copper Wire	Kg	3,000.00
402	M402	Copper Wire (14 SWG)	RM	320.00
403	M403	Copper Wire (10 SWG)	RM	295.00
404	M404	Electric Cable 3 Core 25 Sqmm	RM	2,547.00
405	M405	Electric Cable 3 Core Electric Cable 35 Sqmm	RM	3,624.00
406	M406	Electric Cable 3 Core 50 Sqmm	RM	4,263.00
407	M407	Electric Cable 3 Core 70 Sqmm	RM	6,492.00
408	M408	Electric Cable 3 Core 95 Sqmm	RM	12,533.00
409	M409	Electric Cable 3 Core 120 Sqmm	RM	10,700.00
410	M410	Electric Cable 3 Core Armored 95 Sqmm	RM	9,200.00
411	M411	Electric dial type thermometer	Each	6,000.00
412	M412	Electric cutout Switch	Each	525.00
413	M413	Electric Exhaust Fan 10"	Each	4,067.00
414	M414	Electric Fan Bracket	Each	6,800.00
415	M415	Electric Fan 48" sweep	Each	6,933.00
416	M416	Electric Fan 56" sweep	Each	7,067.00
417	M417	Electric Tube rod	Each	563.00
418	M418	Electric Tube Starter	Each	130.00
419	M419	Electric Tube choke 40w	Each	497.00
420	M420	Electric Tube patty fitting	Each	900.00
421	M421	Fluorescent Tube Light 40W with batten	Each	1,313.00
422	M422	Fluorescent Tube Light 20W with batten	Each	943.00
423	M423	Fluorescent Tube Light 40W Single	Each	1,563.00
424	M424	Fluorescent Tube Light 40W Double	Each	1,912.00
425	M425	Flour Tube Light 40W Single with Ind. reflector	Each	983.00
426	M426	Flour Tube Light 40W Double with Ind. reflector	Each	1,160.00
427	M427	Fluorescent Tube Light 40W with louvers Single	Each	1,640.00
428	M428	Flour Tube Light 40W with louvers Double	Each	2,453.00
429	M429	Tube Light 4 No 20W lamps with louvers	Each	4,967.00
430	M430	Tube Light 6 No 20W lamps with louvers	Each	6,050.00
431	M431	Tube Light 40W recessed mounted Plastic louver	Each	6,917.00
432	M432	Tube Light4 20W recessed mounted metal louver	Each	3,283.00
433	M433	Tube Light4 40W recessed mounted Plastic louver	Each	3,700.00
434	M434	Tube Light 6 20W lamp recessed mounted	Each	7,267.00
435	M435	Light fixture weather proof	Each	8,750.00
436	M436	Light fixture ceiling mounted	Each	5,600.00
437	M437	Light fixture recessed mounted	Each	5,050.00
438	M438	Light fixture wall mounted incandescent lamp	Each	1,967.00
439	M439	Light fixture ceiling mounted incandescent lamp	Each	1,903.00
440	M440	Light fixture recessed mounted with 150W lamp	Each	3,553.00
441	M441	Light fixture High Bay mercury vapor	Each	18,000.00
442	M442	Light fixture Mercury vapour	Each	19,500.00
443	M443	Light fixture Mercury vapour with 250W lamp	Each	21,500.00
444	M444	Light fixture Mercury vapour with 125W lamp	Each	1,975.00
445	M445	Light fixture Mercury vapour with 80W lamp	Each	1,575.00
446	M446	Light fixture Emergency Light unit	Each	44,500.00
447	M447	Light fixture Fancy wall Bracket Single	Each	1,650.00
448	M448	Light fixture Flood weather proof	Each	21,500.00

S No.	New Code	Description	Unit	Rate (Rs.)
449	M449	Light fixture Flood Light weather proof	Each	11,900.00
450	M450	Electric geyser 35 gals.	Each	33,000.00
451	M451	Electric geyser 55 gals.	Each	37,333.00
452	M452	Lamp	Each	242.00
453	M453	Lamp 200W	Each	228.00
454	M454	Lamp 25W Energy Saver	Each	340.00
455	M455	Electric Fan revolving Bracket 20"	Each	6,400.00
456	M456	Electric Distribution box casing 18SWG	Each	4,667.00
457	M457	Electric Distribution box casing 16SWG	Each	5,900.00
458	M458	Electric MCCB TP/100A (Local)	Each	7,267.00
459	M459	Electric MCCB TP/60A (Imported)	Each	7,500.00
460	M460	Electric MCB Single Pole (Local)	Each	777.00
461	M461	Electric MCB Single Pole (Imported)	Each	1,137.00
462	M462	Electric Amp. meter (Local)	Each	1,117.00
463	M463	Electric Volt meter 500V (Imported)	Each	1,817.00
464	M464	Electric Voltage selective Switch (Imported)	Each	3,300.00
465	M465	Electric Neutral & earth links	Each	867.00
466	M466	Electric Page bar	Each	1,533.00
467	M467	Electric HRC fuses	Each	643.00
468	M468	Electric Transformer type indication Lights	Each	513.00
469	M469	Load break Switch 15 Amp.	Each	1,900.00
470	M470	Load break Switch 30 Amp.	Each	2,767.00
471	M471	Load break Switch 60 Amp.	Each	5,767.00
472	M472	Electric L.T. bus tie duct 800 Amp.	RM	82,500.00
473	M473	Electric L.T. bus tie duct 1200 Amp.	RM	168,500.00
474	M474	Electric L.T. bus tie duct 1600 Amp.	RM	43,500.00
475	M475	Electric Motor 1 H.P. with Pump	Each	17,983.00
476	M476	Electric Motor 1/2 H.P. with Pump	Each	13,967.00
477	M477	Plastic box	Each	300.00
478	M478	Electric Plastic box with plate Single hole	Each	157.00
479	M479	Electric Plastic box with plate Two to three hole	Each	225.00
480	M480	Electric Plastic box with plate four to six hole	Each	310.00
481	M481	Electric Plastic box with plate seven to eight hole	Each	387.00
482	M482	Electric Plastic box with plate nine to ten hole	Each	433.00
483	M483	Electric Power Transformer 500 KVA	Each	2,775,000.00
484	M484	Electric Power Transformer 750 KVA	Each	3,423,333.00
485	M485	Electric Power Transformer 1000 KVA	Each	4,656,667.00
486	M486	Electric relay buchholz Double float	Each	24,866.67
487	M487	Electric Switch 1 Gang	Each	390.00
488	M488	Electric Switch 2 Gang	Each	2,500.00
489	M489	Electric Switch 3 Gang	Each	647.00
490	M490	Electric Switch 4 Gang	Each	775.00
491	M491	Electric Switch 2 way	Each	247.00
492	M492	Electric Switch piano	Each	57.00
493	M493	Electric Switch Socket 5 Amp.	Each	894.00
494	M494	Electric Switch Socket 15 Amp.	Each	1,190.00
495	M495	Wall Bolts	Each	29.00
496	M496	Expanded metal	Sqm	1,223.00
497	M497	Felt No.7 underlay	Sqm	172.00
498	M498	Fiber Board 1/2" thick	Sqm	6,400.00
499	M499	Fiber Glass blank Pipe 200 mm dia.	RM	5,100.00
500	M500	Fiber Glass blank Pipe 250 mm dia.	RM	5,900.00
501	M501	Fiber Glass blank Pipe 350 mm dia.	RM	6,800.00
502	M502	Fiber Glass end Plug 200 mm dia.	Each	7,200.00
503	M503	Fiber Glass end Plug 250 mm dia.	Each	7,900.00
504	M504	Fiber Glass corrugated Sheet	Sqm	2,600.00

S No.	New Code	Description	Unit	Rate (Rs.)
505	M505	Fiber Glass Sheet	Sqm	2,125.00
506	M506	Fiber Glass Strainer 200 mm dia.	RM	6,900.00
507	M507	Fiber Glass Strainer 250 mm dia.	RM	7,900.00
508	M508	Fiber Glass Tank 300 gals. capacity	Each	54,333.00
509	M509	Fiber Glass Tank 500 gals. capacity	Each	88,333.00
510	M510	Fiber Glass Tank 750 gals. capacity	Each	121,667.00
511	M511	Fiber Glass Tank 1000 gals. capacity	Each	154,000.00
512	M512	Fire hydrant	Each	3,800.00
513	M513	Fire extinguisher 2 Gallons capacity	Each	7,867.00
514	M514	Flat Iron	Kg	282.00
515	M515	Foaming agent	Kg	170.00
516	M516	Foam Rubber Sheet 3/4" thick	Sq.ft	117.00
517	M517	Foam Rubber 1/16" thick	Sq.ft	35.00
518	M518	Foam Rubber adhesive	Kg	272.00
519	M519	Foot rest earthenware	Each	255.00
520	M520	Fuse with cartridge	Each	78.00
521	M521	Gas cylinder	Each	4,150.00
522	M522	Gas Geyser 35 Gallons capacity	Each	31,500.00
523	M523	Gas Geyser 50 Gallons capacity	Each	28,510.00
524	M524	Gas room Heater (ordinary) Single	Each	5,833.00
525	M525	Gas room Heater (ordinary) Double	Each	10,633.00
526	M526	Gas room Heater (Fancy)	Each	9,120.00
527	M527	Gas room Heater (Fancy)	Each	15,133.00
528	M528	Gas room Heater fire place design	Each	11,500.00
529	M529	Gas lamp Single	Each	2,200.00
530	M530	Gas lamp Double	Each	2,733.00
531	M531	Gate Valve gun metal 1/2" dia.	Each	1,268.00
532	M532	Gate Valve gun metal 3/4" dia.	Each	1,624.00
533	M533	Gate Valve gun metal 1" dia.	Each	1,750.00
534	M534	Gate Valve gun metal 1 1/4" dia.	Each	2,110.00
535	M535	Gate Valve gun metal 1 1/2" dia.	Each	2,315.00
536	M536	Gate Valve gun metal 2" dia.	Each	3,570.00
537	M537	Gate Valve gun metal 2 1/2" dia.	Each	5,200.00
538	M538	Gate Valve gun metal 3" dia.	Each	13,200.00
539	M539	Gate Valve gun metal 4" dia.	Each	16,060.00
540	M540	Gate Valve gun metal 6" dia.	Each	19,000.00
541	M541	Gate Value Flanged end 1/2" class 150	Each	980.00
542	M542	Gate Value Flanged end 3/4" class 150	Each	1,150.00
543	M543	Gate Value Flanged end 1" class 150	Each	1,360.00
544	M544	Gate Value Flanged end 1 1/4" class 150	Each	1,650.00
545	M545	Gate Value Flanged end 1 1/2" class 150	Each	2,490.00
546	M546	Gate Value Flanged end 2" class 150	Each	3,290.00
547	M547	Gate Value Flanged end 2 1/2" class 150	Each	4,350.00
548	M548	Gate Value Flanged end 3" class 150	Each	6,900.00
549	M549	Gate Value Flanged end 4" class 150	Each	7,990.00
550	M550	Gate Value Flanged end 6" class 150	Each	10,200.00
551	M551	Grating GI	Each	603.00
552	M552	Bolts and Nuts GI	Each	9.00
553	M553	GI Brackets	Pair	783.00
554	M554	GI cross 2" x 2"	Each	757.00
555	M555	GI Hooks Bolt& Nuts 4 1/2" x 5/16"	Each	46.00
556	M556	GI Hook & Eye 4"	Each	260.00
557	M557	GI Hook & Eye 6"	Each	323.00
558	M558	GI limpet washers 7/8" dia	Each	4.00
559	M559	GI Pipe heavy duty 40 mm	RM	1,600.00
560	M560	GI Pipe heavy duty 50 mm	RM	2,300.00

S No.	New Code	Description	Unit	Rate (Rs.)
561	M561	GI Pipe Light Duty 15 mm dia.	RM	388.00
562	M562	GI Pipe Light Duty 20 mm dia.	RM	690.00
563	M563	GI Pipe Light Duty 25 mm dia.	RM	1,050.00
564	M564	GI Pipe Light Duty 30 mm dia.	RM	1,362.00
565	M565	GI Pipe Light Duty 40 mm dia.	RM	1,560.00
566	M566	GI Pipe Light Duty 50 mm dia.	RM	2,200.00
567	M567	GI Pipe Light Duty 65 mm dia.	RM	2,790.00
568	M568	GI Pipe Light Duty 75 mm dia.	RM	3,640.00
569	M569	GI Pipe Light Duty 100 mm dia.	RM	5,280.00
570	M570	GI Pipe Medium Duty 15 mm dia.	RM	535.00
571	M571	GI Pipe Medium Duty 20 mm dia.	RM	770.00
572	M572	GI Pipe Medium Duty 25 mm dia.	RM	1,100.00
573	M573	GI Pipe Medium Duty 30 mm dia.	RM	1,427.00
574	M574	GI Pipe Medium Duty 40 mm dia.	RM	1,820.00
575	M575	GI Pipe Medium Duty 50 mm dia.	RM	2,296.00
576	M576	GI Pipe Medium Duty 65 mm dia.	RM	3,182.00
577	M577	GI Pipe Medium Duty 75 mm dia.	RM	3,740.00
578	M578	GI Pipe Medium Duty 100 mm dia.	RM	5,346.00
579	M579	GI Pipe Medium Duty 125 mm dia.	RM	7,170.00
580	M580	GI Pipe Medium Duty 150 mm dia.	RM	8,450.00
581	M581	GI rivets	Each	10.00
582	M582	GI Sheet corrugated	Kg	374.00
583	M583	GI Sheet Plain	Kg	392.00
584	M584	GI Sheet	Kg	372.00
585	M585	GI Sheet Tank 400 Gals. capacity	Each	56,333.00
586	M586	GI Tee 2" x 2"	Each	290.00
587	M587	GI Tee Hinges 10"	Each	203.00
588	M588	GI Tee Hinges 12"	Each	273.00
589	M589	GI Tee Hinges 18"	Each	453.00
590	M590	GI Wire 10 gauge	Kg	328.00
591	M591	GI Wire 18 gauge	Sft	323.00
592	M592	Glass 3 mm thick Plain (local)	Sqm	1,320.00
593	M593	Glass 3 mm thick unclear (local)	Sqm	1,489.00
594	M594	Glass 5 mm thick Plain (local)	Sqm	2,293.00
595	M595	Glass 5 mm thick unclear (local)	Sqm	2,482.00
596	M596	Glass 5 mm thick tinted (local)	Sqm	2,550.00
597	M597	Glass 6 mm thick Plain (local)	Sqm	2,261.00
598	M598	Glass 6 mm thick unclear (local)	Sqm	2,492.00
599	M599	Glass 6 mm thick tinted (local)	Sqm	2,583.00
600	M600	Glass 6 mm thick Plain (Imported)	Sqm	2,427.00
601	M601	Glass 6 mm thick tinted (Imported)	Sqm	2,850.00
602	M602	P. Trap 4" glazed	Each	640.00
603	M603	Glass shelf with Brackets	Each	2,767.00
604	M604	Glass shelf Master/Sonex	Each	800.00
605	M605	Glass Strip 3 mm thick	RM	80.00
606	M606	Glass Strip 5 mm thick	RM	90.00
607	M607	Glass wool 1 inch thick	Sft	46.00
608	M608	Glue	Kg	510.00
609	M609	Grass	Sqm	678.00
610	M610	Gravel	Cum	630.00
611	M611	Grills Flat Iron	Sft	280.00
612	M612	Grills Square bar	Sft	403.00
613	M613	Gum	Kg	200.00
614	M614	Gypsum 1/4" thick	Sqm	301.00
615	M615	Gypsum Board 3/8" thick	Sqm	359.00
616	M616	Gypsum Board 1/2" thick	Sqm	417.00

S No.	New Code	Description	Unit	Rate (Rs.)
617	M617	Gypsum Powder	Kg	45.00
618	M618	Hard Board 5 mm thick	Sft	39.00
619	M619	Hard Board 6 mm. thick	Sft	63.00
620	M620	Hard Board 8 mm thick	Sft	84.00
621	M621	Hanger Hook with pullout rod	Each	198.00
622	M622	Hand Pump	Each	5,300.00
623	M623	Hessian cloth	Sqm	130.00
624	M624	Hessian	Kg	173.00
625	M625	Male or female Hinges	Each	193.00
626	M626	Hinges (Bolts)	Each	220.00
627	M627	Hinges with lugs	Each	230.00
628	M628	Holding device	Each	1,290.00
629	M629	Hold fast	Kg	300.00
630	M630	Hold fast	Each	40.00
631	M631	Hooks Iron	Kg	367.00
632	M632	Hooks Iron	Each	68.00
633	M633	Holes (making)	Each	18.00
634	M634	Holes (punching)	Each	19.00
635	M635	Iron Bolt 0.5" dia	Each	270.00
636	M636	S.S Bolt 0.5" dia	Each	290.00
637	M637	Iron Butt Hinge 2"	Each	78.00
638	M638	Iron Butt Hinge 4"	Each	105.00
639	M639	S.S Butt Hinge 2"	Each	105.00
640	M640	S.S Butt Hinge 4"	Each	162.00
641	M641	Iron Handle 4"	Each	130.00
642	M642	Iron Handle 5"	Each	123.00
643	M643	Iron Handle 6"	Each	157.00
644	M644	S.S Handle 4"	Each	260.00
645	M645	S.S Handle 5"	Each	172.00
646	M646	S.S Handle 6"	Each	188.00
647	M647	Iron Hinges 4" size	Each	72.00
648	M648	Iron Hasp & Staple 2"	Each	72.00
649	M649	Iron Hasp & Staple 3"	Each	110.00
650	M650	Iron Hasp & Staple 4"	Each	102.00
651	M651	Iron Hasp & Staple 5"	Each	167.00
652	M652	Aluminum U beading	Kg	617.00
653	M653	1"x1" 16 gauge MS Pipe	Rft	143.00
654	M654	Fiber Glass Sheet 1.5 mm	Sft	303.00
655	M655	Fiber Glass Sheet (decorative) 2.0 mm	Sft	388.00
656	M656	Iron Helical Spring Hinges 4"	Each	198.00
657	M657	Iron peg	Each	63.00
658	M658	Iron piano Hinge	Rft	197.00
659	M659	Iron parliament Hinges 4" x 4"	Each	352.00
660	M660	Iron parliament Hinges 5" x 5"	Each	450.00
661	M661	Iron Shoe	Each	61.00
662	M662	Iron Sliding Bolt 6" x 1/2"	Each	307.00
663	M663	Iron Sliding Bolt 9" x 5/8"	Each	300.00
664	M664	Iron Sliding Bolt 10" x 5/8"	Each	353.00
665	M665	Iron Sliding Bolt 12" x 5/8"	Each	467.00
666	M666	Iron Sliding Bolt 15" x 3/4"	Each	693.00
667	M667	Iron Screws	Kg	587.00
668	M668	Iron Screw 3/4"	Each	6.00
669	M669	Iron Screw 1"	Each	8.00
670	M670	Iron Screw 1.25	Each	10.00
671	M671	Iron Screw 1.5"	Each	12.00
672	M672	Iron Screw 2"	Each	15.00

S No.	New Code	Description	Unit	Rate (Rs.)
673	M673	Iron Screw 2.5"	Each	18.00
674	M674	Iron Screw 3"	Each	24.00
675	M675	S.S Screw 1"	Each	9.00
676	M676	S.S Screw 1.5"	Each	14.00
677	M677	Magnetic Latches	Each	86.00
678	M678	Iron Socket for floor	Each	17.00
679	M679	Iron Spring Hinges 6" Single action	Each	368.00
680	M680	Iron Spring Hinges 6" Double action	Each	630.00
681	M681	S.S Spring Hinges 6" Single action	Each	877.00
682	M682	S.S Spring Hinges 6" Double action	Each	1,033.00
683	M683	Iron Tower Bolt 6"	Each	138.00
684	M684	Iron Tower Bolt 9"	Each	173.00
685	M685	Iron Tower Bolt 12"	Each	287.00
686	M686	S.S Tower Bolt 6"	Each	247.00
687	M687	S.S Tower Bolt 9"	Each	303.00
688	M688	S.S Tower Bolt 12"	Each	180.00
689	M689	Iron work	Kg	257.00
690	M690	Joints spun yarn + asphalt composition	Joints	15.00
691	M691	Jute bag new	Each	313.00
692	M692	Jute bag old	Each	93.00
693	M693	Jute 2" wide including jute rope tie	Rft	63.00
694	M694	Jutoid W.P. matting (3.2 mm)	Sqm	110.00
695	M695	Jutoid W.P. matting (1.6 mm)	Sqm	98.00
696	M696	Lavatory basin 16	Each	7,183.00
697	M697	Lavatory basin 18	Each	7,733.00
698	M698	Liquid cut back asphalt	Kg	142.00
699	M699	Lime	Kg	33.00
700	M700	Looking Mirror	Sqm	1,761.00
701	M701	Lock Grains	Kg	155.00
702	M702	Lock drawer alpha make	Each	210.00
703	M703	Hydraulic Door closer new star	Each	3,700.00
704	M704	Hydraulic Door closer HNH make	Each	3,267.00
705	M705	Lock main Door quickset with Handle	Each	10,167.00
706	M706	Lock union	Each	870.00
707	M707	Lock Chines make	Each	2,133.00
708	M708	Lock Hyundai	Each	2,950.00
709	M709	Lock yale	Each	10,667.00
710	M710	Marble chips	Kg	17.00
711	M711	Marble Tiles Badal 3/8" thick	Sqm	377.00
712	M712	Marble Tiles Badal 1/2" thick	Sqm	240.00
713	M713	Marble Tiles Badal 3/4" thick	Sqm	75.00
714	M714	Marble Tiles Badal 1" thick	Sqm	87.00
715	M715	Marble slab Badal 1" thick	Sqm	67.00
716	M716	Marble Tiles Badal 6" x 12"	Sqm	73.00
717	M717	Marble Tiles Lasbella 3/8" thick	Sqm	63.00
718	M718	Marble Tiles Lasbella 1/2" thick	Sqm	130.00
719	M719	Marble Tiles Lasbella 3/4" thick	Sqm	82.00
720	M720	Marble Tiles Lasbella 1" thick	Sqm	2,267.00
721	M721	Marble slab Lasbella 1" thick	Sqm	1,473.00
722	M722	Marble Tiles Lasbella 6" x 12"	Sqm	650.00
723	M723	Marble Tiles super White 3/8" thick	Sqm	3,000.00
724	M724	Marble Tiles super White 1/2" thick	Sqm	3,250.00
725	M725	Marble Tiles super White 3/4" thick	Sqm	3,500.00
726	M726	Marble Tiles super White 1" thick	Sqm	4,000.00
727	M727	Marble slab super White 1" thick	Sqm	5,000.00
728	M728	Marble Tiles super White 6" x 12"	Sqm	1,000.00

S No.	New Code	Description	Unit	Rate (Rs.)
729	M729	Chips zero number	Kg	18.00
730	M730	Manure	Cum	428.00
731	M731	Mansion polish	Kg	1,467.00
732	M732	Marble Powder	Kg	28.00
733	M733	Methylated spirit	Litre	263.00
734	M734	Bitumen 80/100	Kg	152.00
735	M735	M S Plate 0.25"	Sft	280.00
736	M736	M S Bail Plug 50 mm dia.	Each	1,000.00
737	M737	M S Bail Plug 75 mm dia.	Each	1,300.00
738	M738	M S Bail Plug 100 mm dia.	Each	1,500.00
739	M739	M S Bail Plug 125 mm dia.	Each	1,860.00
740	M740	M S Bail Plug 150 mm dia.	Each	2,221.00
741	M741	M S Bail Plug 175 mm dia.	Each	2,620.00
742	M742	M S Bail Plug 200 mm dia.	Each	3,000.00
743	M743	M S Bail Plug 225 mm dia.	Each	3,550.00
744	M744	M S Bail Plug 250 mm dia.	Each	4,000.00
745	M745	M S Bail Plug 300 mm dia.	Each	4,800.00
746	M746	M S Blind Pipe Seamless 50 mm dia	RM	2,132.00
747	M747	M S Blind Pipe Seamless 75 mm dia	RM	2,460.00
748	M748	M S Blind Pipe Seamless 100 mm dia	RM	2,788.00
749	M749	M S Blind Pipe Seamless 125 mm dia	RM	3,180.00
750	M750	M S Blind Pipe Seamless 150 mm dia	RM	3,905.00
751	M751	M S Blind Pipe Seamless 175 mm dia	RM	4,430.00
752	M752	M S Blind Pipe Seamless 200 mm dia,	RM	5,576.00
	M752.1	M S Blind Pipe Seamless 200 mm dia, wall thickness 3.5mm		6,412.00
753	M753	M S Blind Pipe Seamless 225 mm dia wall thickness 3.5mm	RM	5,970.00
754	M754	M S Blind Pipe Seamless 250 mm dia wall thickness 3.5mm	RM	7,527.00
755	M754.1	M S Blind Pipe Seamless 250 mm dia wall thickness 4mm	RM	8,659.00
756	M754.2	M S Blind Pipe Seamless 250 mm dia wall thickness 4.5mm	RM	9,807.00
757	M755	M S Blind Pipe Seamless 300 mm dia wall thickness 4mm	RM	10,125.00
758	M755.1	M S Blind Pipe Seamless 300 mm dia wall thickness 4.5mm	RM	11,726.00
759	M755.2	M S Blind Pipe Seamless 300 mm dia wall thickness 5mm	RM	13,323.00
760	M755.3	M S Blind Pipe Seamless 300 mm dia wall thickness 6mm	RM	14,924.00
756	M756	M S Blind Pipe Seamless 375 mm dia wall thickness 6mm	RM	18,000.00
757	M757	M S Blind Pipe Seamless 450 mm dia wall thickness 6mm	RM	22,000.00
758	M758	M S Blind Pipe Seamless 500 mm dia wall thickness 4mm	RM	16,800.00
759	M759	M S Blind Pipe Seamless 550 mm dia wall thickness 4.5mm	RM	19,500.00
760	M760	M S cap 4" size	Each	450.00
761	M761	M S cap 6" size	Each	560.00
762	M762	M S flat	Kg	198.00
763	M763	M S fastener	Each	25.00
764	M764	Mild Steel bars(G 40)	KG	250.00
765	M765	M S Pipe 10 SWG	Rft	53.00

S No.	New Code	Description	Unit	Rate (Rs.)
766	M766	M S Pipe 10 SWG	RM	340.00
767	M767	M S plate	Kg	295.00
768	M768	M S rod	Kg	245.00
769	M769	M S Sheet for formwork	Kg	337.00
770	M770	M S Sheet	Kg	361.00
771	M771	M SSstrap	Kg	303.00
772	M772	M S Tee Iron	Kg	343.00
773	M773	Mud Mortar	Cum	445.00
774	M774	Mud plaster	Cft	14.00
775	M775	Munj ban	Kg	320.00
776	M776	Murum	Cum	1,800.00
777	M777	Nail of all sizes	Kg	423.00
778	M778	Namda 1/16" thick	Sqm	81.00
779	M779	Namda 1/2" thick	Sqm	68.00
780	M780	Nipple	Each	52.00
781	M781	Nuts 9" long with Bolts	Each	50.00
782	M782	Oil Kerosine	Litre	164.00
783	M783	Oil linseed boiled	Litre	317.00
784	M784	Oil Diesel	Litre	253.00
785	M785	Oil linseed raw	Litre	196.00
786	M786	Oil Petrol	Litre	253.00
787	M787	Oil putty	Kg	172.00
788	M788	Oil turpentine	Kg	280.00
789	M789	Patent drier	Gram	55.00
790	M790	Paint Anti corrosive	Litre	755.00
791	M791	Paint Alkali resisting	Litre	370.00
792	M792	Paint Aluminum	Litre	1,287.00
793	M793	Painting brush 2"	Each	150.00
794	M794	Painting brush 4"	Each	390.00
795	M795	Paint Black bituminous	Litre	435.00
796	M796	Paint Black Japan	Litre	542.00
797	M797	Paint Creosote	Litre	705.00
798	M798	Paint distemper	Kg	173.00
799	M799	Paint (mixed at site)	Litres	492.00
800	M800	Paint Plastic emulsion	Litre	1,135.00
801	M801	Paint Red oxide	Litre	849.00
802	M802	Paint Red oxide (2 coats)	Sft	40.00
803	M803	Paint snow cem	Kg	270.75
804	M804	Paint synthetic lead Primer	Litre	734.00
805	M805	Paint so lignum	Litre	917.00
806	M806	Paint vinyl emulsion	Litre	767.00
807	M807	Paint Red oxide Primer	Litre	940.00
808	M808	Paint synthetic enamel	Litre	955.00
809	M809	Paint varnish	Litre	1,332.00
810	M810	Paint weather coat	Litre	1,272.00
811	M811	Primer ZCP	Litre	1,247.00
812	M812	Paper Tape	Roll	70.00
813	M813	Plastic Emulsion Primer	Litre	528.00
814	M814	PCC Pipe 100 mm dia. with collars etc.	RM	318.00
815	M815	PCC Pipe 150 mm dia. with collars etc.	RM	579.00
816	M816	PCC Pipe 200 mm dia. with collars etc.	RM	923.00
817	M817	Pea gravel	Cum	4,500.00
818	M818	Pigment	Kg	132.00
819	M819	Pilchi	Cum	267.00
820	M820	Plastic Wire gauze	Sft	127.00
821	M821	Commercial 5 Ply	Sft	85.00

S No.	New Code	Description	Unit	Rate (Rs.)
822	M822	Commercial 3 Ply	Sft	60.00
823	M823	Shisham 5 Ply	Sft	128.00
824	M824	Shisham 3 Ply	Sft	81.00
825	M825	Teak 5 Ply	Sft	129.00
826	M826	Teak 3 Ply	Sft	76.00
827	M827	Polish bee wax	Litre	832.00
828	M828	Polish French	Litre	573.00
829	M829	Polish mansion	Kg	700.00
830	M830	Polish MDF	Sqm	803.00
831	M831	Pottery pulls glazed	Each	198.00
832	M832	Polythene Sheet	Sqm	165.00
833	M833	Pudlo	Kg	147.00
834	M834	Pucca kam	Kg	352.00
835	M835	Pully	Kg	233.00
836	M836	Pulley	Each	300.00
837	M837	UPVC cap 4" size	Each	176.00
838	M837.2	UPVC cap 6" size	Each	623.00
839	M838	UPVC Bend Class B 75 mm dia	Each	617.00
840	M839	UPVC Bend Class B 100 mm dia	Each	1,523.00
841	M840	UPVC Bend Class B 125 mm dia	Each	1,711.00
842	M841	UPVC Bend Class B 150 mm dia	Each	1,802.00
843	M842	UPVC Bend Class B 200 mm dia	Each	2,083.00
844	M843	UPVC Bend Class D 30 mm dia	Each	58.00
845	M844	UPVC Bend Class D 40 mm dia	Each	72.00
846	M845	UPVC Bend Class D 50 mm dia	Each	85.00
847	M846	UPVC Bend Class D 75 mm dia	Each	170.00
848	M847	UPVC Bend Class D 100 mm dia	Each	322.00
849	M848	UPVC Bend Class D 125 mm dia	Each	622.00
850	M849	UPVC Bend Class D 150 mm dia	Each	933.00
851	M850	UPVC Blind Pipe 75 mm dia	RM	226.00
852	M851	UPVC Blind Pipe 100 mm dia	RM	332.00
853	M852	UPVC Blind Pipe 125 mm dia	RM	451.00
854	M853	UPVC Blind Pipe 150 mm dia	RM	614.00
855	M854	UPVC Blind Pipe 200 mm dia	RM	1,007.00
856	M855	UPVC Blind Pipe 250 mm dia	RM	1,642.00
857	M856	UPVC Blind Pipe 300 mm dia	RM	2,182.00
858	M857	UPVC Blind Pipe 350 mm dia	RM	2,648.00
859	M858	UPVC Blind Pipe D30 mm dia	RM	88.00
860	M859	UPVC Blind Pipe D40 mm dia	RM	106.00
861	M860	UPVC Blind Pipe D50 mm dia	RM	169.00
862	M861	UPVC Blind Pipe D75 mm dia	RM	324.00
863	M862	UPVC Blind Pipe D100 mm dia	RM	539.00
864	M863	UPVC Blind Pipe D150 mm dia	RM	1,206.00
865	M864	PVC Conduit Pipe 20 mm dia	RM	66.00
866	M865	PVC Conduit Pipe 25 mm dia	RM	111.00
867	M866	PVC Conduit Pipe 30 mm dia	RM	187.00
868	M867	PVC Conduit Pipe 40 mm dia	RM	269.00
869	M868	PVC Conduit Pipe 50 mm dia	RM	355.00
870	M869	PVC Conduit Pipe 75 mm dia	RM	597.00
871	M870	PVC Conduit Pipe 100mm dia	RM	778.00
872	M870.1	PVC Conduit Pipe 150mm dia	RM	805.00
873	M871	UPVC Crosser B75 mm dia	Each	127.00
874	M872	UPVC Crosser B100 mm dia	Each	222.00
875	M873	UPVC Crosser B125 mm dia	Each	486.00
876	M874	UPVC Crosser B150 mm dia	Each	645.00
877	M875	UPVC Crosser B200 mm dia	Each	1,107.00

S No.	New Code	Description	Unit	Rate (Rs.)
878	M876	UPVC Crosser B250 mm dia	Each	1,736.00
879	M877	UPVC Crosser B300 mm dia	Each	2,999.00
880	M878	UPVC Crosser B350 mm dia	Each	6,182.00
881	M879	UPVC Crosser D30 mm dia	Each	66.00
882	M880	UPVC Crosser D40 mm dia	Each	134.00
883	M881	UPVC Crosser D50 mm dia	Each	157.00
884	M882	UPVC Crosser D80 mm dia	Each	252.00
885	M883	UPVC Crosser D100 mm dia	Each	413.00
886	M884	UPVC Crosser D125 mm dia	Each	980.00
887	M885	UPVC Crosser D150 mm dia	Each	1,567.00
888	M886	UPVC Elbow 80 mm dia	Each	205.00
889	M887	UPVC Elbow 100 mm dia	Each	276.00
890	M888	UPVC Elbow 125 mm dia	Each	606.00
891	M889	UPVC Elbow 150 mm dia	Each	808.00
892	M890	UPVC Elbow 200 mm dia	Each	5,757.00
893	M891	UPVC Elbow 250 mm dia	Each	2,826.00
894	M892	UPVC Elbow 300 mm dia	Each	9,639.00
895	M893	UPVC Elbow 350 mm dia	Each	15,016.00
896	M894	UPVC Elbow Class D 30 mm dia	Each	93.00
897	M895	UPVC Elbow Class D 40 mm dia	Each	115.00
898	M896	UPVC Elbow Class D 50 mm dia	Each	160.00
899	M897	UPVC Elbow Class D 75 mm dia	Each	350.00
900	M898	UPVC Elbow Class D 100 mm dia	Each	443.00
901	M899	UPVC Elbow Class D 125 mm dia	Each	407.00
902	M900	UPVC Elbow Class D 150 mm dia	Each	687.00
903	M901	UPVC End Plug Class B 75 mm dia	Each	51.00
904	M902	UPVC End Plug Class B 100 mm dia	Each	78.00
905	M903	UPVC End Plug Class B 125 mm dia	Each	128.00
906	M904	UPVC End Plug Class B 150 mm dia	Each	212.00
907	M905	UPVC End Plug Class B 200 mm dia	Each	455.00
908	M906	UPVC End Plug Class B 250 mm dia	Each	574.00
909	M907	UPVC End Plug Class B 300 mm dia	Each	781.00
910	M908	UPVC End Plug Class B 350 mm dia	Each	794.00
911	M909	UPVC End Plug Class D 30 mm dia	Each	39.00
912	M910	UPVC End Plug Class D 40 mm dia	Each	67.00
913	M911	UPVC End Plug Class D 50 mm dia	Each	74.00
914	M912	UPVC End Plug Class D 75 mm dia	Each	107.00
915	M913	UPVC End Plug Class D 100 mm dia	Each	134.00
916	M914	UPVC End Plug Class D 125 mm dia	Each	189.00
917	M915	UPVC End Plug Class D 150 mm dia	Each	231.00
918	M916	P.V.C Jointing solution	Kg	1,640.00
919	M917	UPVC nosing 30 mm wide	RM	114.00
920	M918	UPVC nosing 40 mm wide	RM	124.00
921	M919	UPVC nosing 45 mm wide	RM	143.00
922	M920	UPVC nosing 50 mm wide	RM	166.00
923	M921	UPVC off set 80 mm	Each	435.00
924	M922	UPVC off set 100 mm	Each	552.00
925	M922.1	UPVC off set 150 mm	Each	388.00
926	M923	PVC Socket Class D 30 mm dia	Each	47.00
927	M924	PVC Socket Class D 40 mm dia	Each	70.00
928	M925	PVC Socket Class D 50 mm dia	Each	127.00
929	M926	PVC Socket Class D 80 mm dia	Each	187.00
930	M927	PVC Socket Class D 100 mm dia	Each	251.00
931	M927.1	PVC Socket Class D 150 mm dia	Each	459.00
932	M928	PVC Spouts 100 mm dia	RM	744.00
933	M929	PVC Spouts 50 mm dia	RM	440.00

S No.	New Code	Description	Unit	Rate (Rs.)
934	M930	PVC Spouts 80 mm dia	RM	468.00
935	M931	UPVC Strainer Class B 75 mm dia	RM	179.00
936	M932	UPVC Strainer Class B 100 mm dia	RM	254.00
937	M933	UPVC Strainer Class B 125 mm dia	RM	422.00
938	M934	UPVC Strainer Class B 150 mm dia	RM	516.00
939	M935	UPVC Strainer Class B 200 mm dia	RM	829.00
940	M936	UPVC Strainer Class B 250 mm dia	RM	1,286.00
941	M937	UPVC Strainer Class B 300 mm dia	RM	1,917.00
942	M938	UPVC Strainer Class B 350 mm dia	RM	2,307.00
943	M939	UPVC Strainer Class D 30 mm dia	RM	110.00
944	M940	UPVC Strainer Class D 40 mm dia	RM	119.00
945	M941	UPVC Strainer Class D 50 mm dia	RM	174.00
946	M942	UPVC Strainer Class D 75 mm dia	RM	289.00
947	M943	UPVC Strainer Class D 100 mm dia	RM	440.00
948	M944	UPVC Strainer Class D 125 mm dia	RM	639.00
949	M945	UPVC Strainer Class D 150 mm dia	RM	1,103.00
950	M946	UPVC tapered Core Class B 80 mm dia	Each	33.00
951	M947	UPVC tapered Core Class B 100 mm dia	Each	59.00
952	M948	UPVC tapered Core Class B 125 mm dia	Each	73.00
953	M949	UPVC tapered Core Class B 150 mm dia	Each	121.00
954	M950	UPVC tapered Core Class B 200 mm dia	Each	162.00
955	M951	UPVC tapered Core Class D 30 mm dia	Each	26.00
956	M952	UPVC tapered Core Class D 40 mm dia	Each	36.00
957	M953	UPVC tapered Core Class D 50 mm dia	Each	51.00
958	M954	UPVC Tee Class B 80 mm dia	Each	280.00
959	M955	UPVC Tee Class B 100 mm dia	Each	483.00
960	M956	UPVC Tee Class B 125 mm dia	Each	764.00
961	M957	UPVC Tee Class B 150 mm dia	Each	1,295.00
962	M958	UPVC Tee Class B 200 mm dia	Each	1,900.00
963	M959	UPVC Tee Class B 250 mm dia	Each	3,433.00
964	M960	UPVC Tee Class B 300 mm dia	Each	4,883.00
965	M961	UPVC Tee Class B 350 mm dia	Each	7,877.00
966	M962	UPVC Tee Class D 30 mm dia	Each	83.00
967	M963	UPVC Tee Class D 40 mm dia	Each	146.00
968	M964	UPVC Tee Class D 50 mm dia	Each	266.00
969	M965	UPVC Tee Class D 80 mm dia	Each	521.00
970	M966	UPVC Tee Class D 100 mm dia	Each	662.00
971	M967	UPVC Tee Class D 125 mm dia	Each	721.00
972	M968	UPVC Tee Class D 150 mm dia	Each	798.00
973	M969	UPVC waste Pipe 30 mm	Each	162.00
974	M970	UPVC waste Pipe 40 mm	Each	174.00
975	M971	PVC Water Stopper Eye letter	RM	212.00
976	M972	PVC Water Stop 4.5" wide	RM	395.00
977	M973	PVC Water Stop 6" wide	RM	317.00
978	M974	PVC Water Stop 8" wide	RM	458.00
979	M975	PVC Water Stop 9" wide	RM	70.00
980	M976	PVC Water Stop 12" wide	RM	790.00
981	M977	UPVC Water Stop 18" wide	RM	1,085.00
982	M978	UPVC flushing Bend 30 mm dia.	Each	286.00
983	M979	UPVC flushing Bend 40 mm dia.	Each	175.00
984	M980	Plastic ring 1" dia.	Each	13.00
985	M981	Plastic ring 1.25" dia.	Each	14.00
986	M982	Rawal Plug 1" long	Each	3.00
987	M983	Rawal Plug 2.5" long	Each	5.00
988	M984	Rawal Plug 3" long	Each	7.00
989	M985	RCC Cover (2" thick)	Cft	283.00

S No.	New Code	Description	Unit	Rate (Rs.)
990	M986	RCC Pipe 4" dia.	RM	408.00
991	M987	RCC Pipe 6" dia.	RM	573.00
992	M988	RCC Pipe 9" dia	RM	778.00
993	M989	RCC Pipe 225 mm	RM	1,079.00
994	M990	RCC Pipe 300 mm	RM	1,670.00
995	M991	RCC Pipe 375 mm	RM	2,159.00
996	M992	RCC Pipe 450 mm	RM	2,735.00
997	M993	RCC Pipe 525 mm	RM	3,327.00
998	M994	RCC Pipe 600 mm	RM	4,621.00
999	M995	RCC Pipe 675 mm	RM	6,596.00
1000	M996	RCC Pipe 750 mm	RM	8,189.00
1001	M997	RCC Pipe 825 mm	RM	8,993.00
1002	M998	RCC Pipe 900 mm	RM	10,455.00
1003	M999	RCC Pipe 1050 mm	RM	12,704.00
1004	M1000	RCC Pipe 1200 mm	RM	14,995.00
1005	M1001	RCC Pipe 1350 mm	RM	19,139.00
1006	M1002	RCC Pipe 1500 mm	RM	23,998.00
1007	M1003	RCC Pipe 1650 mm	RM	30,256.00
1008	M1004	RCC Pipe 1800 mm	RM	36,787.00
1009	M1005	RCC Pipe 9" dia1	RM	583.00
1010	M1006	RCC Pipe 12" dia2	RM	733.00
1011	M1007	Retarding Agent	Litre	1,107.00
1012	M1008	Red lead	Kg	278.00
1013	M1009	Reg Bolt	Kg	530.00
1014	M1010	Rivets	Kg	320.00
1015	M1011	R.S. joist	Kg	307.00
1016	M1012	Rolling shutter	Kg	378.00
1017	M1013	Rolling shutter M.S. bars	Kg	292.00
1018	M1014	Round bars	Kg	270.00
1019	M1015	Ruberoïd (3 Ply)	Sqm	175.00
1020	M1016	Rubber connection Pipe	Each	297.00
1021	M1017	Rubber Plug	Each	26.00
1022	M1018	Rubber packing	Sft	36.00
1023	M1019	Rubber ring 80 mm	Each	108.00
1024	M1020	Rubber ring 100 mm	Each	153.00
1025	M1021	Rubber ring 150 mm	Each	167.00
1026	M1022	Rubber sealing compound	Kg	400.00
1027	M1023	Set accelerating agent	liter	592.00
1028	M1024	Sand local	Cum	1,278.00
1029	M1025	Approved Coarse Sand	Cum	1,525.00
1030	M1026	Sand fine	Kg	13.00
1031	M1027	Sand paper	Each	57.00
1032	M1028	Screw 3/4"	Each	5.00
1033	M1029	Sealant	Sqm	83.00
1034	M1030	Sheath 1 1/4"	RM	225.00
1035	M1031	Sheath 1 1/2"	RM	240.00
1036	M1032	Self coupling Welded Steel Sheath 1 1/4"	RM	138.00
1037	M1033	Self coupling Welded Steel Sheath 1 1/2"	RM	128.00
1038	M1034	Shelf Plastic with Bracket	Each	310.00
1039	M1035	Crush 3/4" & down gauge	Cum	2,247.00
1040	M1036	Crush 1" & down gauge	Cum	1,550.00
1041	M1037	Crush 1 1/2" & down gauge	Cum	1,433.00
1042	M1038	Shower tray glazed	Each	342.00
1043	M1039	Shower kit	Each	1,683.00
1044	M1040	Shower telephonic	Each	1,700.00
1045	M1041	Sink Bracket C.I.	Pair	470.00

S No.	New Code	Description	Unit	Rate (Rs.)
1046	M1042	Sink C P Brass waste	Each	437.00
1047	M1043	Sink glazed fire clay 24" x 18"	Each	3,533.00
1048	M1044	Sink pillar tap 2 way	Each	3,783.00
1049	M1045	Sink Plug with Chain	Each	407.00
1050	M1046	Sink Stainless Steel 42" x 24"	Each	11,267.00
1051	M1047	Sink Stainless Steel 36" x 24"	Each	8,600.00
1052	M1048	Sink malleable Iron Bottle Trap	Each	1,313.00
1053	M1049	Skylight Frame Steel	Sft	317.00
1054	M1050	Skylight Frame Aluminum fixed	Sft	450.00
1055	M1051	Soap dish C P	Each	367.00
1056	M1052	Soap dish earthenware	Each	385.00
1057	M1053	Soap dish Plastic	Each	250.00
1058	M1054	Soap sunlight	Each	200.00
1059	M1055	Soft Board	Sqm	480.00
1060	M1056	Socket /union 1/2" dia.	Each	130.00
1061	M1057	Socket /union 3/4" dia.	Each	223.00
1062	M1058	Socket /union 1" dia.	Each	273.00
1063	M1059	Soft wood (0.5" wide 2" deep)	Sqm	160.00
1064	M1060	Stakes	Each	80.00
1065	M1061	Stopper Brass	Each	533.00
1066	M1062	Stop Cock with C P Cover	Each	750.00
1067	M1063	Steel Mild bars g 36	Kg	245.00
1068	M1064	Steel gate collapsible	Sqm	7,993.00
1069	M1065	Steel deformed bars Grade 40	Ton	248,000.00
1070	M1066	Steel deformed bars Grade 60	Ton	271,667.00
1071	M1067	Steel Tor bar Grade 60	Ton	262,000.00
1072	M1068	Steel Hooks	Each	16.00
1073	M1069	Steel Pipe 50 mm. dia.	RM	390.00
1074	M1070	Steel Pipe 65 mm. dia.	RM	465.00
1075	M1071	M.S. section	Kg	288.00
1076	M1072	M.S. square/ round bars	Kg	288.00
1077	M1073	Stone Ballast crushed 2" and down gauge	Cum	1,373.00
1078	M1074	Stone Ballast 1 1/2" & down gauge	Cum	1,387.00
1079	M1075	Stone	Cum	843.00
1080	M1076	Stone post	Each	4,543.00
1081	M1077	Stone for pitching	Cum	1,463.00
1082	M1078	Stone soling	Cum	1,457.00
1083	M1079	Stone sprawl	Cum	1,377.00
1084	M1080	Stiff Rubber	Rft	36.00
1085	M1081	Sunk Handle	Each	52.00
1086	M1082	Surki	Cum	5,383.00
1087	M1083	Super Plastisizer	Litre	468.00
1088	M1084	Sweet earth	Cum	1,550.00
1089	M1085	T Iron	Kg	277.00
1090	M1086	Telephone box 20 pair	Each	1,400.00
1091	M1087	Telephone box 30 to 60 pair	Each	3,500.00
1092	M1088	Telephone box 100 pair	Each	6,500.00
1093	M1089	Telephone rosette	Each	78.00
1094	M1090	Telephone terminal Strip 20 pair	Each	2,487.00
1095	M1091	Telephone terminal Strip 30 pair	Each	2,977.00
1096	M1092	Telephone terminal Strip 40 pair	Each	3,277.00
1097	M1093	Telephone terminal Strip 60 pair	Each	4,210.00
1098	M1094	Telephone terminal Strip 100 pair	Each	5,383.00
1099	M1095	Thermopore Sheet 1/2" thick	Each	400.00
1100	M1096	Thermopore Sheet 1" thick	Each	560.00
1101	M1097	Thermopore Sheet 1 1/2" thick	Each	720.00

S No.	New Code	Description	Unit	Rate (Rs.)
1102	M1098	Tiles cement 3/4" thick	Sqm	560.00
1103	M1099	Tiles cement 1" thick	Sqm	550.00
1104	M1100	Tiles cement 1 1/2" thick	Sqm	450.00
1105	M1101	Tiles facing Strips glazed	Sqm	750.00
1106	M1102	Tiles facing Strips rough glazed.	Sqm	700.00
1107	M1103	Tiles facing Strips unglazed	Sqm	650.00
1108	M1104	Ceramic Tile glazed/matt (Prime Quality)	Sqm	1,163.00
1109	M1105	Porcelain Tile glazed/matt (Prime Quality)	Sqm	2,300.00
1110	M1106	High Polymer Modified Quickset Tile Adhesive	Kg	53.00
1111	M1107	Tiles mosaic 1/2" thick	Sqm	800.00
1112	M1108	Tiles mosaic 3/4" thick	Sqm	850.00
1113	M1109	Tiles mosaic 1" thick	Sqm	900.00
1114	M1110	Tiles mosaic 1 1/2" thick	Sqm	950.00
1115	M1111	Tiles Premium quality 2 mm thick	Sqm	1,273.00
1116	M1112	Tiles Premium quality 3 mm thick	Sqm	1,330.00
1117	M1113	Tiles Royal quality 1.8 mm thick	Sqm	1,363.00
1118	M1114	Tiles Royal quality 3 mm thick	Sqm	1,297.00
1119	M1115	Tuff	Sqm	240.00
1120	M1116	Tie rod	Each	50.00
1121	M1117	Toilet paper Holder Plastic	Each	423.00
1122	M1118	Towel Rail Plastic	Each	317.00
1123	M1119	Trap Ceramic China	Each	600.00
1124	M1120	Anti Termite Spray	Litre	2,300.00
1125	M1121	Urinal coloured 6001	Each	4,273.00
1126	M1122	Urinal White 6001	Each	4,200.00
1127	M1123	Urinal coloured 6003	Each	4,167.00
1128	M1124	Urinal White 6003	Each	4,133.00
1129	M1125	CI automatic flushing cistern	Each	4,267.00
1130	M1126	Flush Pipe with C P accessories	Each	1,003.00
1131	M1127	CI Bracket for flushing cistern	Pair	195.00
1132	M1128	PVC waste Pipe	Each	223.00
1133	M1129	Rubber connection	Each	192.00
1134	M1130	Varnish synthetic ICI	Litre	984.00
1135	M1131	Varnish synthetic clear	Litre	1,084.00
1136	M1132	Verified Mortar	Kg	14.00
1137	M1133	Washing Powder	Sachet	25.00
1138	M1134	Washing Powder	Kg	333.00
1139	M1135	Washing Soda	Kg	207.00
1140	M1136	Wash Basin 18" (450 mm) coloured	Each	3,750.00
1141	M1137	Wash Basin 18" (450 mm) White colour	Each	3,633.00
1142	M1138	Wash Basin 24" coloured ICL Futura 2041/60	Each	5,533.00
1143	M1139	Wash Basin 24" White colour ICL Futura 2041/60	Each	6,067.00
1144	M1140	Wash Basin 26" coloured ICL 2032/65	Each	4,500.00
1145	M1141	Wash Basin 26" White colour ICL 2032/66	Each	4,383.00
1146	M1142	Wash Basin Bolt kit	Each	253.00
1147	M1143	Wash Basin C P Brass Chain	Each	353.00
1148	M1144	Wash Basin Stop Cock	Each	650.00
1149	M1145	Wash Basin Pedestal coloured	Each	2,267.00
1150	M1146	Wash Basin Pedestal White colour	Each	2,100.00
1151	M1147	Water Closet Asian/Orisa/900 coloured	Each	3,420.00
1152	M1148	Water Closet Asian/Orisa/900 White	Each	3,077.00
1153	M1149	Water Closet Fregat 4006 coloured	Each	7,533.00
1154	M1150	Water Closet Fregat 4006 White colour	Each	7,333.00
1155	M1151	Water Closet Floride coupled 4030 coloured	Each	4,167.00
1156	M1152	Water Closet Floride coupled 4030 White colour	Each	3,512.00
1157	M1153	Water Closet Indian 902 coloured	Each	5,233.00

S No.	New Code	Description	Unit	Rate (Rs.)
1158	M1154	Water Closet Indian 902 White colour	Each	10,133.00
1159	M1155	Water Closet Ifo coloured	Each	10,400.00
1160	M1156	Water Closet Ifo White colour	Each	10,967.00
1161	M1157	Water Closet Non coupled 7HU coloured	Each	4,700.00
1162	M1158	Water Closet Non coupled 7HU White colour	Each	4,283.00
1163	M1159	Water Closet Cistern 4006 coloured	Each	3,500.00
1164	M1160	Water Closet Cistern 4006 White colour	Each	3,100.00
1165	M1161	Water Closet Cistern 4030 coloured	Each	3,347.00
1166	M1162	Water Closet Cistern 4030 White colour	Each	3,093.00
1167	M1163	Water Closet Cistern Bolt kit	Each	147.00
1168	M1164	Water Closet Plastic flushing cistern	Each	3,267.00
1169	M1165	Water Closet pan	Each	2,200.00
1170	M1166	Water Closet PVC down Pipe	Each	107.00
1171	M1167	Water Closet Seat Cover	Each	1,317.00
1172	M1168	Water Closet Stop Cock 1/2"	Each	870.00
1173	M1169	Water Closet Trap 4"	Each	1,070.00
1174	M1170	Water Closet Vitreous China Trap	Each	865.00
1175	M1171	Wetting Agent	Litre	313.00
1176	M1172	Welding Joints	Each	26.00
1177	M1173	Winder	Each	95.00
1178	M1174	Window Aluminum hung or sliding	Sft	1,317.00
1179	M1175	Window Aluminum partly fixed/hung or sliding	Sft	1,167.00
1180	M1176	Window Aluminum fixed	Sft	1,150.00
1181	M1177	Window Fiber Wire gauze	Sft	458.00
1182	M1178	Window Frame Steel Hinged	Sft	453.00
1183	M1179	Window Frame Steel partly fixed & partly hung	Sft	403.00
1184	M1180	Wire brush	Each	210.00
1185	M1181	Wire gauze	Sft	138.00
1186	M1182	Wire mesh	Kg	688.00
1187	M1183	Wire net	Sqm	977.00
1188	M1184	Wire Steel	Ton	293,333.00
1189	M1185	Deodar wood veneer Board 3/4" thick	Sqft	141.00
1190	M1186	Wooden Button 20 mm wide	RM	59.00
1191	M1187	Laminated Board 3/4" thick	Sqft	129.00
1192	M1188	UV Sheet	Sqft	270.00
1193	M1189	Wood Kail 2nd class	Cft	140.00
1194	M1190	Wood Deodar 1st class	Cft	8,900.00
1195	M1191	Wood Deodar 2nd class	Cft	7,233.00
1196	M1192	Fuel wood	Kg	47.00
1197	M1193	Wood Kail 1st class	Cft	4,433.00
1198	M1194	Wood Kikar	Cft	2,883.00
1199	M1195	Wood Partal	Cft	3,167.00
1200	M1196	Wood Shisham	Cft	6,600.00
1201	M1197	Wooden gutees	Each	5.00
1202	M1198	Wooden pegs	Each	22.00
1203	M1199	Wooden pegs 6" to 9"	Each	59.00
1204	M1200	Wooden pegs 9" to 15"	Each	88.00
1205	M1201	Wooden Lipping 25mm wide x 12mm thick=	RM	65.00
1206	M1202	Wooden Partial Gola 1"x1/4"	RM	32.00
1207	M1203	Wooden Partial Gola 2"x1"	RM	198.00
1208	M1204	Wooden rod for Shoes	Each	52.00
1209	M1205	Window stay Brass 9"	Each	510.00
1210	M1206	Window stay Iron 9"	Each	220.00
1211	M1207	White lead	Kg	120.00
1212	M1208	Water	Litre	5.00
1213	M1209	Steel Brush	Each	148.00

S No.	New Code	Description	Unit	Rate (Rs.)
1214	M1210	Welding Electrode # 10 (Iron Alloy)	Kg	287.00
1215	M1211	Eye Bolt	Kg	227.00
1216	M1212	M.S Clamp	Kg	303.00
1217	M1213	M.S Hook	Kg	290.00
1218	M1214	Steel Brush (Large Size)	Each	260.00
1219	M1215	Steel Brush (Small Size)	Each	183.00
1220	M1216	Cutting Disk Size175mm (7")	Each	250.00
1221	M1217	Jumbo Lon Installation 25mm to 32mm thick (1" to 1 1/4")	Sqm	680.00
1222	M1218	Jumbo Lon Installation 50mm thick upto	Sqm	890.00
1223	M1219	Bitumen Paper 3mm	Sqm	640.00
1224	M1220	Bitumen Paper 4mm	Sqm	750.00
1225	M1221	Earth	trip	5,500.00
1226	M1222	Good Earth	Cum	750.00
1227	M1223	Soil Class A 4	Cum	767.00
1228	M1224	Water Tanks Polyethylene Blue V200 Gallons	Each	14,490.00
1229	M1225	Water Tanks Polyethylene Blue V250 Gallons	Each	17,392.00
1230	M1226	Water Tanks Polyethylene Blue V300 Gallons	Each	19,759.00
1231	M1227	Water Tanks Polyethylene Blue V350 Gallons	Each	21,880.00
1232	M1228	Water Tanks Polyethylene Blue V400 Gallons	Each	24,000.00
1233	M1229	Water Tanks Polyethylene Blue V500 Gallons	Each	29,397.00
1234	M1230	Water Tanks Polyethylene Blue V1000 Gallons	Each	65,833.00
1235	M1231	Water Tanks Polyethylene Blue V1200 Gallons	Each	72,000.00
1236	M1232	Water Tanks Polyethylene Blue V1500 Gallons	Each	80,000.00
1238	M1234	Water Tanks Polyethylene Blue H200 Gallons	Each	21,989.00
1239	M1235	Water Tanks Polyethylene Blue H250 Gallons	Each	28,950.00
1240	M1236	Water Tanks Polyethylene Blue H300 Gallons	Each	37,383.00
1241	M1237	Water Tanks Polyethylene Black V200 Gallons	Each	14,500.00
1242	M1238	Water Tanks Polyethylene Black V250 Gallons	Each	17,733.00
1243	M1239	Water Tanks Polyethylene Black V300 Gallons	Each	21,500.00
1245	M1241	Water Tanks Polyethylene Black V400 Gallons	Each	25,567.00
1246	M1242	Water Tanks Polyethylene Black V500 Gallons	Each	31,333.00
1247	M1243	Water Tanks Polyethylene Black V1000 Gallons	Each	71,333.00
1248	M1244	Water Tanks Polyethylene Black V1200 Gallons	Each	78,667.00
1249	M1245	Water Tanks Polyethylene Black V1500 Gallons	Each	113,000.00
1252	M1248	Water Tanks Polyethylene Black H200 Gallons	Each	26,533.00
1253	M1249	Water Tanks Polyethylene Black H250 Gallons	Each	35,400.00
1254	M1250	Water Tanks Polyethylene Black H300 Gallons	Each	47,000.00
1255	M1251	Zinc Coated Steel Wire 1.95mm dia	Kg	270.00
1256	M1252	Zinc Coated Steel Wire 2.8mm dia	Kg	312.00
1257	M1253	Warning sign Board (Cat 1) of size900mm Triangle Shape	Each	18,267.00
1258	M1254	Cats Eye Single (Flush surface) Plastic	Each	358.00
1259	M1255	Cats Eye Double (Flush surface) Plastic	Each	370.00
1260	M1256	Cats Eye Single (Raised surface) Plastic	Each	687.00
1261	M1257	Cats Eye Double (Raised surface) Plastic	Each	710.00
1262	M1258	Cats Eye Single (Flush surface) Aluminum	Each	833.00
1263	M1259	Cats Eye Double (Flush surface) Aluminum	Each	837.00
1264	M1260	Cats Eye Single (Raised surface) Aluminum	Each	830.00
1265	M1261	Cats Eye Double (Raised surface) Aluminum	Each	883.00
1266	M1262	Synthetic Rubber speed hump 5 Cm high & 35 Cm wide	Each	1,423.00
1267	M1263	Synthetic Rubber speed hump 5 Cm high & 35 Cm wide	Each	1,690.00
1268	M1264	Synthetic Rubber speed hump 5 Cm high & 35 Cm wide	Each	1,690.00
1269	M1265	Synthetic Rubber speed hump 5 Cm high & 25 Cm wide	Each	1,707.00
1270	M1266	Metal speed hump 5 Cm high & 35 Cm wide	Each	1,397.00
1271	M1267	Bamboo (60 120 mm dia) 2.5m to 3.0m long	Each	657.00
1272	M1268	Bamboo (60 120 mm dia) 3.0m to 3.75m long	Each	710.00

S No.	New Code	Description	Unit	Rate (Rs.)
1273	M1269	Bamboo (60 120 mm dia) 3.75m to 4.25m long	Each	853.00
1274	M1270	Bamboo (60 120 mm dia) 4.25m to 4.90m long	Each	1,133.00
1275	M1271	Bamboo (60 120 mm dia) 4.90m to 6.25m long	Each	1,167.00
1276	M1272	Steel Mild Grade 60	Kg	302.00
1277	M1273	Rubber Speed Hump 5 Cm high and 35 Cm wide Black & yellow	M	252.00
1278	M1274	Granite Black (local)	Sqm	6,700.00
1279	M1275	Granite Black Danedar	Sqm	6,210.00
1280	M1276	Granite Tropical	Sqm	2,940.00
1281	M1277	Granite Strawberry	Sqm	11,300.00
1282	M1278	Granite Super white	Sqm	14,880.00
1283	M1279	Granite Baltic brown (Malaysian)	Sqm	12,000.00
1284	M1280	Granite camel brown (Malaysian)	Sqm	12,000.00
1285	M1281	Granite raw silk (Malaysian)	Sqm	12,000.00
1286	M1282	Granite blue per (Malaysian)	Sqm	12,000.00
1287	M1283	HDPE Pipe PN10 15 mm) Outer dia	RM	46.00
1288	M1284	HDPE Pipe PN10 20 mm) Outer dia	RM	52.00
1289	M1285	HDPE Pipe PN10 25mm) Outer dia	RM	86.00
1290	M1286	HDPE Pipe PN10 32mm) Outer dia	RM	114.00
1291	M1287	HDPE Pipe PN10 40mm) Outer dia	RM	225.00
1292	M1287.1	HDPE Pipe PN10 45mm) Outer dia	RM	285.00
1293	M1288	HDPE Pipe PN10 50mm) Outer dia	RM	375.00
1294	M1289	HDPE Pipe PN10 63mm) Outer dia	RM	470.00
1295	M1290	HDPE Pipe PN10 75mm) Outer dia	RM	569.00
1296	M1291	HDPE Pipe PN10 90mm) Outer dia	RM	878.00
1297	M1292	HDPE Pipe PN10 110mm) Outer dia	RM	1,286.00
1298	M1293	HDPE Pipe PN10 125mm) Outer dia	RM	1,687.00
1299	M1294	HDPE Pipe PN10 140mm) Outer dia	RM	2,040.00
1300	M1295	HDPE Pipe PN10 160mm) Outer dia	RM	2,732.00
1301	M1296	HDPE Pipe PN10 180mm) Outer dia	RM	3,399.00
1302	M1297	HDPE Pipe PN10 200mm) Outer dia	RM	4,229.00
1303	M1298	HDPE Pipe PN10 225mm) Outer dia	RM	5,313.00
1304	M1299	HDPE Pipe PN10 250mm) Outer dia	RM	6,420.00
1305	M1300	HDPE Pipe PN10 280mm) Outer dia	RM	8,081.00
1306	M1301	HDPE Pipe PN10 315mm) Outer dia	RM	10,406.00
1307	M1302	HDPE Pipe PN10 355mm) Outer dia	RM	12,930.00
1308	M1303	HDPE Pipe PN10 400mm) Outer dia	RM	16,692.00
1309	M1304	HDPE Pipe PN10 450mm) Outer dia	RM	21,258.00
1310	M1305	HDPE Pipe PN10 500mm) Outer dia	RM	25,834.00
1311	M1306	HDPE Pipe PN10 560mm) Outer dia	RM	32,363.00
1312	M1307	HDPE Pipe PN10 630mm) Outer dia	RM	41,473.00
1313	M1308	HDPE Pipe PN10 800 mm) Outer dia	RM	65,516.00
1314	M1309	HDPE Pipe PN8 20mm) Outer dia	RM	55.00
1315	M1310	HDPE Pipe PN8 25mm) Outer dia	RM	70.00
1316	M1311	HDPE Pipe PN8 32mm) Outer dia	RM	85.00
1317	M1312	HDPE Pipe PN8 40mm) Outer dia	RM	149.00
1318	M1313	HDPE Pipe PN8 50mm) Outer dia	RM	187.00
1319	M1314	HDPE Pipe PN8 63mm) Outer dia	RM	201.00
1320	M1315	HDPE Pipe PN8 75mm) Outer dia	RM	483.00
1321	M1316	HDPE Pipe PN8 90mm) Outer dia	RM	656.00
1322	M1317	HDPE Pipe PN8 110mm) Outer dia	RM	1,047.00
1323	M1318	HDPE Pipe PN8 125mm) Outer dia	RM	1,358.00
1324	M1319	HDPE Pipe PN8 140mm) Outer dia	RM	1,709.00
1325	M1320	HDPE Pipe PN8 160mm) Outer dia	RM	2,186.00
1326	M1321	HDPE Pipe PN8 180mm) Outer dia	RM	2,734.00

S No.	New Code	Description	Unit	Rate (Rs.)
1327	M1322	HDPE Pipe PN8 200mm) Outer dia	RM	3,052.00
1328	M1323	HDPE Pipe PN8 225mm) Outer dia	RM	4,280.00
1329	M1324	HDPE Pipe PN8 250mm) Outer dia	RM	5,213.00
1330	M1325	HDPE Pipe PN8 280mm) Outer dia	RM	6,561.00
1331	M1326	HDPE Pipe PN8 315mm) Outer dia	RM	8,269.00
1332	M1327	HDPE Pipe PN8 355mm) Outer dia	RM	10,497.00
1333	M1328	HDPE Pipe PN8 400mm) Outer dia	RM	13,723.00
1334	M1329	HDPE Pipe PN8 450mm) Outer dia	RM	17,095.00
1335	M1330	HDPE Pipe PN8 500mm) Outer dia	RM	20,779.00
1336	M1331	HDPE Pipe PN8 560mm) Outer dia	RM	26,279.00
1337	M1332	HDPE Pipe PN8 630mm) Outer dia	RM	33,079.00
1338	M1333	HDPE Pipe PN8 800 mm) Outer dia	RM	53,264.00
1339	M1334	HDPE Pipe PN12.5 20mm) Outer dia	RM	63.00
1340	M1335	HDPE Pipe PN12.5 25mm) Outer dia	RM	88.00
1341	M1336	HDPE Pipe PN12.5 32mm) Outer dia	RM	132.00
1342	M1337	HDPE Pipe PN12.5 40mm) Outer dia	RM	201.00
1343	M1337.1	HDPE Pipe PN12.5 45mm) Outer dia	RM	256.00
1344	M1338	HDPE Pipe PN12.5 50mm) Outer dia	RM	311.00
1345	M1339	HDPE Pipe PN12.5 63mm) Outer dia	RM	534.00
1346	M1340	HDPE Pipe PN12.5 75mm) Outer dia	RM	726.00
1347	M1341	HDPE Pipe PN12.5 90mm) Outer dia	RM	1,033.00
1348	M1342	HDPE Pipe PN12.5 110mm) Outer dia	RM	1,565.00
1349	M1343	HDPE Pipe PN12.5 125mm) Outer dia	RM	2,023.00
1350	M1344	HDPE Pipe PN12.5 140mm) Outer dia	RM	2,576.00
1351	M1345	HDPE Pipe PN12.5 160mm) Outer dia	RM	3,217.00
1352	M1346	HDPE Pipe PN12.5 180mm) Outer dia	RM	4,129.00
1353	M1347	HDPE Pipe PN12.5 200mm) Outer dia	RM	5,009.00
1354	M1348	HDPE Pipe PN12.5 225mm) Outer dia	RM	6,342.00
1355	M1349	HDPE Pipe PN12.5 250mm) Outer dia	RM	7,815.00
1356	M1350	HDPE Pipe PN12.5 280mm) Outer dia	RM	9,821.00
1357	M1351	HDPE Pipe PN12.5 315mm) Outer dia	RM	12,751.00
1358	M1352	HDPE Pipe PN12.5 355mm) Outer dia	RM	16,070.00
1359	M1353	HDPE Pipe PN12.5 400mm) Outer dia	RM	19,973.00
1360	M1354	HDPE Pipe PN12.5 450mm) Outer dia	RM	23,876.00
1361	M1355	HDPE Pipe PN12.5 500mm) Outer dia	RM	31,068.00
1362	M1356	HDPE Pipe PN12.5 560mm) Outer dia	RM	39,160.00
1363	M1357	HDPE Pipe PN12.5 630mm) Outer dia	RM	49,355.00
1364	M1358	HDPE Pipe PN12.5 800 mm) Outer dia	RM	79,546.00
1365	M1359	Testing for design purpose of RCC piles under static loading	Job	200,000.00
1366	M1360	Execution of standard sub soil penetration test	Job	26,000.00
1367	M1361	Extraction of undisturbed sample of soil at specified depth	Job	12,000.00
1368	M1362	Extraction of disturbed sample of soil at specified depth	Job	9,540.00
1369	M1363	Cat Eyes Angle Iron Reflector Aluminum body 4"x 2" using diamond	Each	520.00
1370	M1364	HDPE Pipe PN16 13mm) Outer dia	RM	52.00
1371	M1365	HDPE Pipe PN16 20mm) Outer dia	RM	76.00
1372	M1366	HDPE Pipe PN16 25mm) Outer dia	RM	101.00
1373	M1367	HDPE Pipe PN16 32mm) Outer dia	RM	170.00
1374	M1368	HDPE Pipe PN16 40mm) Outer dia	RM	265.00
1375	M1368.1	HDPE Pipe PN16 45mm) Outer dia	RM	320.00
1376	M1369	HDPE Pipe PN16 50mm) Outer dia	RM	375.00
1377	M1370	HDPE Pipe PN16 63mm) Outer dia	RM	604.00

S No.	New Code	Description	Unit	Rate (Rs.)
1378	M1371	HDPE Pipe PN16 75mm) Outer dia	RM	866.00
1379	M1372	HDPE Pipe PN16 90mm) Outer dia	RM	1,252.00
1380	M1373	HDPE Pipe PN16 110mm) Outer dia	RM	1,849.00
1381	M1374	HDPE Pipe PN16 125mm) Outer dia	RM	2,366.00
1382	M1375	HDPE Pipe PN16 140mm) Outer dia	RM	2,979.00
1383	M1376	HDPE Pipe PN16 160mm) Outer dia	RM	3,906.00
1384	M1377	HDPE Pipe PN16 180mm) Outer dia	RM	4,919.00
1385	M1378	HDPE Pipe PN16 200mm) Outer dia	RM	6,100.00
1386	M1379	HDPE Pipe PN16 225mm) Outer dia	RM	7,720.00
1387	M1380	HDPE Pipe PN16 250mm) Outer dia	RM	9,561.00
1388	M1381	HDPE Pipe PN16 280mm) Outer dia	RM	11,834.00
1389	M1382	HDPE Pipe PN16 315mm) Outer dia	RM	15,152.00
1390	M1383	HDPE Pipe PN16 355mm) Outer dia	RM	19,143.00
1391	M1384	HDPE Pipe PN16 400mm) Outer dia	RM	24,410.00
1392	M1385	HDPE Pipe PN16 450mm) Outer dia	RM	30,822.00
1393	M1386	HDPE Pipe PN16 500mm) Outer dia	RM	38,242.00
1394	M1387	HDPE Pipe PN16 560mm) Outer dia	RM	47,576.00
1395	M1388	HDPE Pipe PN16 630mm) Outer dia	RM	60,297.00
1396	M1389	HDPE Pipe PN16 800 mm) Outer dia	RM	97,023.00
1397	M1390	Extruded Polystyrene (50 mm)	Sqm	1,150.00
1398	M1391	Extruded Polystyrene (38 mm)	Sqm	967.00
1399	M1392	Extruded Polystyrene (25 mm)	Sqm	827.00
1400	M1393	Main ropes 1.25" dia.	RM	846.00
1401	M1394	Wind guy ropes 1" dia.	RM	615.00
1402	M1395	Wind guy ropes 3/4" dia.	RM	432.00
1403	M1396	Wind guy ropes 1/2" dia.	RM	342.00
1404	M1397	Main Cable clamp	Each	1,515.00
1405	M1398	Transom clamp	Each	1,572.00
1406	M1399	Road bear clamp	Each	1,095.00
1407	M1400	Wind guy clamp	Each	750.00
1408	M1401	Wind guy Double clamp	Each	817.00
1409	M1402	U Grips 1.5" dia	Each	887.00
1410	M1403	U Grips 1" dia	Each	698.00
1411	M1404	U Grips 3/4" dia	Each	588.00
1412	M1405	Thimble plate 1.5" dia	Each	628.00
1413	M1406	Thimble plate 1" dia	Each	1,293.00
1414	M1407	Thimble plate 3/4" dia	Each	395.00
1415	M1408	Thimble plate 1/2" dia	Each	336.00
1416	M1409	R.S. Joist transom	RM	3,010.00
1417	M1410	Coupling machine	Each	35,733.00
1418	M1411	Saddle plates	Each	51,900.00
1419	M1412	Steel runners 3" x 6" dia.	RM	905.00
1420	M1413	Deck Plate 1/4" Thick	Kg	370.00
1421	M1414	Deck Plate 3/8" Thick	Kg	323.00
1422	M1415	Cable	RM	217,333.00
1423	M1416	Anchorage Cone sets with wedges	Each	5,303.00
1424	M1417	Corrugated Steel Sheath duct	RM	61.00
1425	M1418	PE Grout vents	Each	69.00
1426	M1419	PE Grout Tube	Each	76.00
1427	M1420	PVC wrapping tape roll	Each	104.00
1428	M1421	Grout additive	Each	658.00
1429	M1422	Helical Core for Cable size 12/5mm or 12/7mm	Each	146.00
1430	M1423	Diesel	Litre	260.00
1431	M1424	Mobil Oil	Litre	1,050.00
1432	M1425	GI Metal Tile Lay in Perforated Tegular edge global White color Tiles of Size 595x595 mm a	Sqm	3,423.00

S No.	New Code	Description	Unit	Rate (Rs.)
1433	M1426	Main T ceiling sections 24x38x0.3 mm (3 meter long)	each	528.00
1434	M1427	Perimeter wall Angle 21x21x0.3 mm (3 meter long)	each	388.00
1435	M1428	Intermediate cross T Section 24x25x0.30mm (1.2 meters long)	each	171.00
1436	M1429	Intermediate cross T Section 24x25x0.30mm (0.6 meters long)	each	118.00
1437	M1430	Hanger rod 4 mm thick	each	52.00
1438	M1431	Adjustment clip	each	44.00
1439	M1432	Soffit cleat	each	11.00
1440	M1433	Dash hold fastener 12.5 mm dia 40 mm long with 6 mm dia Bolt	each	219.00
1441	M1434	Water Proofing Admixture	Litre	79.00
1442	M1435	Reflective Paint High Albedo	Litre	743.00
1443	M1436	Heat Resistant Terrace Tiles (300 mm x 300 mm x 20 mm)	Sqm	680.00
1444	M1437	50mm floor and ceiling GI Channel	RM	240.00
1445	M1438	48mm GI Stud	RM	72.00
1446	M1439	Pump 2"x1.5" (40 200)	Each	36,000.00
1447	M1440	Pump 2.5"x2" (50 160)	Each	43,750.00
1448	M1441	Pump 3"x2.5" (65 200)	Each	58,150.00
1449	M1442	Pump (32 160)	Each	43,000.00
1450	M1443	Pump (40 250)	Each	60,750.00
1451	M1444	Pump (50 200)	Each	53,350.00
1452	M1445	Pump (80 200)	Each	59,300.00
1453	M1446	Motor 2 900 RPM 1HP	Each	30,300.00
1454	M1447	Motor 2 900 RPM 2HP	Each	41,967.00
1455	M1448	Motor 2 900 RPM 3HP	Each	59,067.00
1456	M1449	Motor 2 900 RPM 5.5HP	Each	84,300.00
1457	M1450	Motor 2 900 RPM 7.5HP	Each	110,000.00
1458	M1451	Motor 2 900 RPM 10HP	Each	136,733.00
1459	M1452	Motor 2 900 RPM 15HP	Each	186,667.00
1460	M1453	Motor 2 900 RPM 20HP	Each	234,367.00
1461	M1454	Motor 2 900 RPM 25HP	Each	287,867.00
1462	M1455	Motor 2 900 RPM 30HP	Each	312,867.00
1463	M1456	Motor 2 900 RPM 40HP	Each	391,400.00
1464	M1457	Mono Block Pump Set 4HP	Each	48,333.00
1465	M1458	Mono Block Pump Set 5HP	Each	54,333.00
1466	M1459	Mono Block Pump Set 7.5HP	Each	74,333.00
1467	M1460	Mono Block Pump Set 10HP	Each	85,667.00
1468	M1461	Mono Block Pump Set 15HP	Each	183,333.00
1469	M1462	Submersible Pump Set 4HP	Each	83,000.00
1470	M1463	Submersible Pump Set 5HP	Each	96,500.00
1471	M1464	Submersible Pump Set 6 HP	Each	132,500.00
1472	M1465	Submersible Pump Set 7.5HP	Each	166,000.00
1473	M1466	Submersible Pump Set 10HP	Each	196,000.00
1474	M1467	Submersible Pump Set 12.5 HP	Each	204,400.00
1475	M1468	Submersible Pump Set 15 HP	Each	220,967.00
1476	M1469	Submersible Pump Set 17.5 HP	Each	240,200.00
1477	M1470	Submersible Pump Set 20 HP	Each	269,867.00
1478	M1471	Submersible Pump Set 25 HP	Each	309,467.00
1479	M1472	Submersible Pump Set 30 HP	Each	411,000.00
1480	M1472.1	Submersible Pump Set 40 HP	Each	450,000.00
1481	M1473	Motor Control Panel 3HP	Each	6,500.00
1482	M1474	Motor Control Panel 5.5HP	Each	6,800.00
1483	M1475	Motor Control Panel 10HP	Each	7,000.00

S No.	New Code	Description	Unit	Rate (Rs.)
1484	M1476	Motor Control Panel 15HP	Each	14,000.00
1485	M1477	Motor Control Panel 20HP	Each	18,000.00
1486	M1478	Motor Control Panel 25HP	Each	22,000.00
1487	M1479	Motor Control Panel 30HP	Each	28,000.00
1488	M1480	Diesel Engine 6 HP	Each	64,000.00
1489	M1481	Diesel Engine 8 HP	Each	83,333.00
1490	M1482	Diesel Engine 10 HP	Each	98,333.00
1491	M1483	Diesel Engine 16 HP	Each	155,167.00
1492	M1484	Diesel Engine 20 HP	Each	166,000.00
1493	M1485	Diesel Engine 25 HP	Each	171,667.00
1494	M1486	Diesel Engine 30 HP	Each	178,667.00
1495	M1487	Diesel Engine 32 HP	Each	185,667.00
1496	M1488	Diesel Engine 36 HP	Each	254,000.00
1497	M1489	Self Start Accessories with Battery	LS	21,000.00
1498	M1490	Base Plate and Coupling for Diesel Engine including Belts and Brackets	LS	20,000.00
1499	M1491	Assemble for Diesel Engine and Pump with direct suction and Double shaft	LS	25,000.00
1500	M1492	Tractor Assembly	LS	20,000.00
1501	M1493	PVC Pipe 6 inches B Class	RM	946.00
1502	M1494	PVC Pipe 5 inches B Class	RM	695.00
1503	M1495	PVC Pipe 4 inches B Class	RM	607.00
1504	M1496	PVC Pipe 3 inches B Class	RM	478.00
1505	M1497	PVC Pipe 2.5 inches C Class	RM	367.00
1506	M1498	PVC Pipe 2 inches C Class	RM	362.00
1507	M1499	PVC Pipe 1.5 inches D Class	RM	273.00
1508	M1500	PVC Pipe 1.25 inches D Class	RM	255.00
1509	M1501	UPVC Pipe 1 inch E Class	RM	206.00
1510	M1502	UPVC Pipe 0.75 inches E Class	RM	123.00
1511	M1503	UPVC Pipe 0.5 inches E Class	RM	98.00
1512	M1504	PVC Pipe 25 mm PN 6	RM	183.00
1513	M1505	PVC Pipe 32 mm PN 6	RM	238.00
1514	M1506	PVC Pipe 40 mm PN 6	RM	328.00
1515	M1507	PVC Pipe 50 mm PN 6	RM	342.00
1516	M1508	PVC Pipe 63 mm PN 6	RM	393.00
1517	M1509	PVC Pipe 75 mm PN 6	RM	428.00
1518	M1510	PVC Pipe 90 mm PN 6	RM	468.00
1519	M1511	PVC Pipe 110 mm PN 6	RM	554.00
1520	M1512	PVC Pipe 140 mm PN 6	RM	685.00
1521	M1513	PVC Pipe 160 mm PN 6	RM	820.00
1522	M1514	PE Pipe 110 mm PN 8	RM	578.00
1523	M1515	PE Pipe 90 mm PN 8	RM	553.00
1524	M1516	PE Pipe 75 mm PN 8	RM	486.00
1525	M1517	PE Pipe 63 mm PN 8	RM	368.00
1526	M1518	PE Pipe 50 mm PN 8	RM	272.00
1527	M1519	PE Pipe 40 mm PN 8	RM	209.00
1528	M1520	PE Pipe 110 mm PN 10	RM	374.00
1529	M1521	PE Pipe 90 mm PN 10	RM	637.00
1530	M1522	PE Pipe 75 mm PN 10	RM	551.00
1531	M1523	PE Pipe 63 mm PN 10	RM	491.00
1532	M1524	PE Pipe 50 mm PN 10	RM	385.00
1533	M1525	PE Pipe 40 mm PN 10	RM	279.00
1534	M1526	Sand Media/Gravel Filter 10m3/hr	Each	88,667.00
1535	M1527	Sand Media/Gravel Filter 20m3/hr	Each	90,733.00
1536	M1528	Sand Media/Gravel Filter 25m3/hr	Each	114,899.00
1537	M1529	Sand Media/Gravel Filter 30m3/hr	Each	122,133.00

S No.	New Code	Description	Unit	Rate (Rs.)
1538	M1530	Sand Media/Gravel Filter 35m3/hr	Each	130,900.00
1539	M1531	Sand Media/Gravel Filter 40m3/hr	Each	141,867.00
1540	M1532	Sand Media/Gravel Filter 45m3/hr	Each	150,833.00
1541	M1533	Sand Media/Gravel Filter 50m3/hr	Each	178,500.00
1542	M1534	Sand Media/Gravel Filter 60m3/hr	Each	176,500.00
1543	M1535	Disc Filter 15m3/hr	Each	23,333.00
1544	M1536	Disc Filter 20m3/hr	Each	32,647.00
1545	M1537	Disc Filter 25m3/hr	Each	43,000.00
1546	M1538	Disc Filter 30m3/hr	Each	42,800.00
1547	M1539	Disc Filter 35m3/hr	Each	48,827.00
1548	M1540	Disc Filter 40m3/hr	Each	50,167.00
1549	M1541	Disc Filter 45m3/hr	Each	53,167.00
1550	M1542	Disc Filter 50m3/hr	Each	55,563.00
1551	M1543	Disc Filter 60m3/hr	Each	58,633.00
1552	M1544	Screen Filter 15m3/hr	Each	7,667.00
1553	M1545	Screen Filter 20m3/hr	Each	8,250.00
1554	M1546	Screen Filter 25m3/hr	Each	10,967.00
1555	M1547	Screen Filter 30m3/hr	Each	14,433.00
1556	M1548	Screen Filter 35m3/hr	Each	18,500.00
1557	M1549	Screen Filter 40m3/hr	Each	24,833.00
1558	M1550	Semi Automatic Cleaning/screening Filter 15m3/hr	Each	13,500.00
1559	M1551	Semi Automatic Cleaning/screening Filter 20m3/hr	Each	15,300.00
1560	M1552	Semi Automatic Cleaning/screening Filter 25m3/hr	Each	18,000.00
1561	M1553	Semi Automatic Cleaning/screening Filter 30m3/hr	Each	20,000.00
1562	M1554	Semi Automatic Cleaning/screening Filter 35m3/hr	Each	21,000.00
1563	M1555	Hydro cyclone Filter 15m3/hr	Each	40,000.00
1564	M1556	Hydro cyclone Filter 20m3/hr	Each	44,627.00
1565	M1557	Hydro cyclone Filter 25m3/hr	Each	47,167.00
1566	M1558	Hydro cyclone Filter 30m3/hr	Each	49,133.00
1567	M1559	Hydro cyclone Filter 35m3/hr	Each	51,867.00
1568	M1560	Hydro cyclone Filter 40m3/hr	Each	55,536.00
1569	M1561	Hydro cyclone Filter 45m3/hr	Each	63,144.00
1570	M1562	Hydro cyclone Filter 50m3/hr	Each	65,800.00
1571	M1563	Hydro cyclone Filter 80m3/hr	Each	72,733.00
1572	M1564	Ventury Assembly 0.75"	Each	4,867.00
1573	M1565	Ventury Assembly 1"	Each	5,533.00
1574	M1566	Ventury Assembly 1.5"	Each	10,600.00
1575	M1567	Ventury Assembly 2"	Each	14,500.00
1576	M1568	Fertilizer Tank 30 Liters	Each	12,667.00
1577	M1569	Fertilizer Tank 60 Liters	Each	22,133.00
1578	M1570	Fertilizer Tank 90 Liters	Each	23,267.00
1579	M1571	Fertilizer Tank 120 Liters	Each	23,667.00
1580	M1572	Fertilizer Tank 150 Liters	Each	33,367.00
1581	M1573	Fertilizer Tank 200 Liters	Each	34,133.00
1582	M1574	Micro Tube 4 mm (WT 1 mm)	RM	11.00
1583	M1575	Extension Tube 6 mm (WT 1 mm)	RM	15.00
1584	M1576	Drip Line Plain 12 mm (WT 1 mm)	RM	22.00
1585	M1577	Drip Line Plain 15 mm (WT 1 mm)	RM	27.00
1586	M1578	Drip Line Plain 16mm (WT 1.2 mm)	RM	29.00
1587	M1579	Drip Line Plain 20 mm (WT 1.5 mm)	RM	34.00
1588	M1580	Drip Line Plain 25 mm (WT 1.5 mm)	RM	66.00
1589	M1581	Drip Line Plain 32 mm (WT 2.0 mm)	RM	110.00
1590	M1582	Integrated Drip Line 16 mm Emitter spacing at 0.20 m	RM	72.00
1591	M1583	Integrated Drip Line 16 mm Emitter spacing at 0.30 m	RM	82.00
1592	M1584	Integrated Drip Line 16 mm Emitter spacing at 0.40 m	RM	87.00
1593	M1585	Integrated Drip Line 16 mm Emitter spacing at 0.50 m	RM	72.00

S No.	New Code	Description	Unit	Rate (Rs.)
1594	M1586	Integrated Drip Line 16 mm Emitter spacing at 0.60 m	RM	87.00
1595	M1587	Integrated Drip Line 20 mm Emitter spacing at 0.30 m	RM	27.00
1596	M1588	Integrated Drip Line 20 mm Emitter spacing at 0.40 m	RM	27.00
1597	M1589	Integrated Drip Line 20 mm Emitter spacing at 0.50 m	RM	27.00
1598	M1590	Integrated Drip Line 20 mm Emitter spacing at 0.60 m	RM	27.00
1599	M1591	Dripper (20 LPH PC)	Each	17.00
1600	M1592	Dripper (24 LPH PC)	Each	24.00
1601	M1593	Dripper (40 LPH PC)	Each	22.00
1602	M1594	Dripper (70 LPH PC)	Each	29.00
1603	M1595	Dripper (80 LPH PC)	Each	29.00
1604	M1596	Emitter (Turbulent Flow)	Each	22.00
1605	M1597	Emitter (60 LPH Adjustable)	Each	25.00
1606	M1598	GI Sheet 26 SWG (including PST)	Kg	376.00
1607	M1599	GI Sheet 24 SWG (including PST)	Kg	375.00
1608	M1600	GI Sheet 22 SWG (including PST)	Kg	375.00
1609	M1601	GI Sheet 20 SWG (including PST)	Kg	372.00
1610	M1602	GI Sheet 18 SWG (including PST)	Kg	372.00
1611	M1603	Aluminum Revits	Kg	367.00
1612	M1604	Duct Sealant	Sft	57.00
1613	M1605	Angle 1 1/2" x 1 1/2" x 3/8"	Each	432.00
1614	M1606	Angle rod 1 1/4" x 1 1/4" x 1/8"	Each	557.00
1615	M1607	Expansion Bolts 3/8"	Each	78.00
1616	M1608	Threaded rod bars 3/8" dia	Each	338.00
1617	M1609	Supply & Return of Air Diffusers (Code: A & B) Complete in all respects (4 Sft for calculations)	Sqm	15,000.00
1618	M1610	Supply & Return Register (Code D) Complete in all respects (4 Sft for calculations)	Sqm	13,000.00
1619	M1611	Balancing Valve 25 mm	Each	2,250.00
1620	M1612	Balancing Valve 32 mm	Each	4,000.00
1621	M1613	Balancing Valve 40 mm	Each	6,200.00
1622	M1614	Balancing Valve 50 mm	Each	12,000.00
1623	M1615	Balancing Valve 75 mm	Each	18,000.00
1624	M1616	Balancing Valve 8"	Each	25,000.00
1625	M1617	Balancing Valve 10"	Each	35,000.00
1626	M1618	High Stair Railing comprising of 2½" dia 16 gauge S.S Pipe hand 2' 9"	R.ft	2,300.00
1627	M1619	Impact Sprinkler 5022 0.36 0.76 m ³ /hr Radius 9 11 m	Each	1,290.00
1628	M1620	Impact Sprinkler Plastic Premiere 0.36 0.76 m ³ /hr Radius 9 11 m	Each	1,193.00
1629	M1621	Micro Sprinkler/sprayer/jet (R 1.5m)	Each	39.00
1630	M1622	Sprinkler B2A Zirve 3.33 11.25 m ³ /hr Radius 18 26 m	Each	6,667.00
1631	M1623	Mister (Complete set) 40 lph	Each	388.00
1632	M1624	Mister (Complete set) 60 lph	Each	395.00
1633	M1625	Mister (Complete set) 80 lph	Each	413.00
1634	M1626	Mister (Complete set) 120 lph	Each	440.00
1635	M1627	Micro Sprinkler (Complete set) 40 lph	Each	362.00
1636	M1628	Micro Sprinkler (Complete set) 60 lph	Each	378.00
1637	M1629	Micro Sprinkler (Complete set) 80 lph	Each	417.00
1638	M1630	Micro Sprinkler (Complete set) 120 lph	Each	427.00
1639	M1631	Fogger Imported/ISO (Q=10.5 LPH Conic FLF Single outlet)	Each	128.00
1640	M1632	Fogger Imported/ISO (Q=5.4 LPH Conic FLF Single outlet)	Each	128.00
1641	M1633	Fogger Imported/ISO (Q=5.4 LPH Barb FLF Double outlet)	Each	243.00
1642	M1634	Fogger Imported/ISO (Q=10.5 LPH Barb FLF Double outlet)	Each	243.00
1643	M1635	Fogger Imported/ISO (Q=10.5 LPH Barb FLF 4 Way outlet)	Each	282.00

S No.	New Code	Description	Unit	Rate (Rs.)
1644	M1636	Fogger Imported/ISO (Q=10.5 LPH Barb FLF 4 Way outlet	Each	282.00
1645	M1637	Rain Gun Komet (Part Circle)	Each	85,000.00
1646	M1638	Rain Gun Komet (Full Circle)	Each	80,000.00
1647	M1639	Pressure Regulator (20 100 GPM) SENNINGER USA	Each	8,500.00
1648	M1640	PPRC Pipe PN20 13mm) Outer dia	RM	200.00
1649	M1641	PPRC Pipe PN20 20mm) Outer dia	RM	890.00
1650	M1642	PPRC Pipe PN20 25mm) Outer dia	RM	1,493.00
1651	M1643	PPRC Pipe PN20 32mm) Outer dia	RM	2,449.00
1652	M1644	PPRC Pipe PN20 40mm) Outer dia	RM	3,733.00
1653	M1645	PPRC Pipe PN20 50mm) Outer dia	RM	6,199.00
1654	M1646	PPRC Pipe PN20 63mm) Outer dia	RM	9,866.00
1655	M1647	PPRC Pipe PN20 75mm) Outer dia	RM	13,599.00
1656	M1648	PPRC Pipe PN20 90mm) Outer dia	RM	19,999.00
1657	M1649	PPRC Pipe PN20 110mm) Outer dia	RM	31,966.00
1658	M1650.1	Paver 50 mm (4500 Psi) Grey	Sqm	860.80
1659	M1650.2	Paver 50 mm (4500 Psi) Coloured	Sqm	968.40
1660	M1651.1	Paver 60 mm (5000 Psi) Grey	Sqm	1,022.20
1661	M1651.2.	Paver 60 mm (5000 Psi) Coloured	Sqm	1,129.80
1662	M1652	Paver 80 mm (7000 Psi) Grey	Sqm	1,237.40
1663	M1653	Paver 80 mm (7000 Psi) Coloured	Sqm	1,345.00
1664	M1654	Kerb Stone (300mm x 300mm x 150mm)	Each	228.00
1665	M1655	Kerb Stone (300mm x 450mm x 150mm)	Each	282.00
1666	M1656	Solar Panel Chines	Per Watt	110.00
1667	M1657	Solar Inverter Chines	per VA	35.00
1668	M1658	Solar Charge Controller Chines	Per Amp @ 12/24 Volts	1,060.00
1669	M1659	Solar Mounting Structure	Per Watt	35.00
1670	M1660	Solar Cables Chines	Per Watt	13.00
1671	M1661	Batteries lead Acid Chines	per 100 AH	30,000.00
1672	M1662	Batteries Maintenance free Chines	per 100 AH	45,000.00
1673	M1663	Solar Panel european	Per Watt	180.00
1674	M1664	Solar Inverter (European)	Per Watt	205.00
1675	M1665	Solar Charge Controller (European)	Amp	2,000.00
1676	M1666	Solar Cables (European)	Per Watt	15.00
1677	M1667	Battery lead acid (European)	P 100 AH	55,000.00
1678	M1668	Battery Maintenance free (1000 cycles)	P 100 AH	56,000.00
1679	M1669	I.P Camera (Chines) Surface / Recessed Ceiling mounted Dome Fixed Type PoE	Each	30,000.00
1680	M1670	PTZ Camera Wall / Ceiling Mounted Indoor / Outdoor Day/Night Color Dome	Each	25,000.00
1681	M1671	Wall Bracket box Camera Type PoE I.P camera	Each	80,000.00
1682	M1672	Network Video Recorder – 64 Channel (Chines)	Each	400,000.00
1683	M1673	Operator's Workstation	Each	60,000.00

S No.	New Code	Description	Unit	Rate (Rs.)
1684	M1674	Fixed configuration PoE enabled manageable layer 2 Switch	Each	45,000.00
1685	M1675	Fixed configuration manageable layer 2 aggregation Switch	Each	60,000.00
1686	M1676	Fixed configuration manageable layer 2 Switch with Rack Mount Kit	Each	67,000.00
1687	M1677	Video Management Software with Video Management / Recording Server	Each	500,000.00
1688	M1678	DC Cable 4mm2 Single Core	RM	181.00
1689	M1679	DC Cable 4mm2 Two Core	RM	389.00
1690	M1680	DC Cable 6mm2 Single Core	RM	267.00
1691	M1681	DC Cable 6mm2 Two Core	RM	557.00
1692	M1682	DC Cable 6mm2 four Core	RM	1,081.00
1693	M1683	DC Cable 10mm2 Single Core	RM	489.00
1694	M1684	DC Cable 10mm2 Two Core	RM	968.00
1695	M1685	DC Cable 10mm2 Four Core	RM	1,809.00
1696	M1686	DC Cable 16mm2 Four Core	RM	2,814.00
1697	M1687	DC Cable 16mm2 Two Core	RM	1,496.00
1698	M1688	DC Cable 16mm2 Single Core	RM	685.00
1699	M1689	DC Cable 25mm2 Single Core	RM	1,072.00
1700	M1690	DC Cable 25mm2 Two Core	RM	2,316.00
1701	M1691	DC Cable 25mm2 Four Core	RM	4,202.00
1702	M1692	DC Cable 35mm2 Single Core	RM	1,468.00
1703	M1693	DC Cable 35mm2 Four Core	RM	6,157.00
1704	M1694	Stranded Cable 16mm2 Four Core	RM	2,063.00
1705	M1695	Stranded Cable 16mm2 Two Core	RM	1,057.00
1706	M1696	Stranded Cable 16mm2 Single Core	RM	462.00
1707	M1697	Stranded Cable 25mm2 Four Core	RM	3,414.00
1708	M1698	Stranded Cable 25mm2 Two Core	RM	1,515.00
1709	M1699	Stranded Cable 25mm2 Single Core	RM	812.00
1710	M1700	Stranded Cable 35mm2 Four Core	RM	4,824.00
1711	M1701	Stranded Cable 35mm2 Two Core	RM	2,080.00
1712	M1702	Stranded Cable 35mm2 Single Core	RM	1,191.00
1713	M1703	Stranded Cable 50mm2 Four Core	RM	5,650.00
1714	M1704	Stranded Cable 50mm2 Two Core	RM	2,830.00
1715	M1705	Stranded Cable 50mm2 Single Core	RM	1,350.00
1716	M1706	Stranded Cable 70mm2 Four Core	RM	8,639.00
1717	M1707	Stranded Cable 70mm2 Two Core	RM	4,040.00
1718	M1708	Stranded Cable 70mm2 Single Core	RM	2,063.00
1719	M1709	Stranded Cable 90mm2 Four Core	RM	11,215.00
1720	M1710	Stranded Cable 90mm2 Two Core	RM	5,600.00
1721	M1711	Stranded Cable 90mm2 Single Core	RM	2,700.00
1722	M1712	Stranded Cable 120mm2 Four Core	RM	14,160.00
1723	M1713	Stranded Cable 120mm2 Two Core	RM	7,080.00
1724	M1714	Stranded Cable 120mm2 Single Core	RM	3,430.00
1725	M1715	Stranded Cable 150mm2 Four Core	RM	17,370.00
1726	M1716	Stranded Cable 150mm2 Two Core	RM	8,680.00
1727	M1717	Stranded Cable 150mm2 Single Core	RM	4,280.00
1728	M1718	Stranded Cable 170mm2 Four Core	RM	20,000.00
1729	M1719	Stranded Cable 170mm2 Two Core	RM	9,000.00
1730	M1720	Stranded Cable 170mm2 Single Core	RM	4,100.00
1731	M1721	Stranded Cable 230mm2 Four Core	RM	22,000.00
1732	M1722	Stranded Cable 230mm2 Two Core	RM	10,200.00
1733	M1723	Poly Carbonate corrugated Sheet complete with supporting Frame	Sqm	3,200.00

S No.	New Code	Description	Unit	Rate (Rs.)
1734	M1724	Poly Carbonate Four Wall Sheet complete with supporting Frame	Sqm	3,450.00
1735	M1725	Laminated Gypsum Board with suspension System (1/4")	Sqm	918.00
1736	M1726	Laminated Gypsum Board with suspension System (1/2")	Sqm	972.00
1737	M1727	Laminated Gypsum Board with suspension System (3/4")	Sqm	1,050.00
1738	M1728	Gypsum Board with suspension System (1/2" 3/4")	Sqm	3,240.00
1739	M1729	Wood Teak	Cft	7,517.00
1740	M1730	Chemical Polish	Litre	1,000.00
1741	M1731	Dorma Set of Floor Hinges	Set	11,000.00
1742	M1732	UV MDF High Gloss Board	Sft	145.00
1743	M1733	PVC High Gloss Laminated Board 3/4" thick	Sft	230.00
1744	M1734	PVC Plain Laminated Board 3/4" thick	Sft	187.00
1745	M1735	MDF Board (Local) without lamination 3/4" thick	Sft	120.00
1746	M1736	Door Frame of PVC extruded sections in Plain colours Factory made 48mmX40mmX1.5mm	Sft	375.00
1747	M1737	Door Frame of PVC extruded sections in wooden texture Factory made 48mmX40mmX1.5mm	Sft	625.00
1748	M1738	PVC shutters 30 mm thick Factory made	Sqm	14,000.00
1749	M1739	PVC shutters 37 mm thick Factory made	Sqm	18,360.00
1750	M1740	PVC Window 1.6 mm	Sqm	18,000.00
1751	M1741	Pre molded Joints Filler 12 Mm Thick with Bitumastic Joints Seal	Sqm	2,550.00
1752	M1742	Neoprene Rubber Joints Filler 12 Mm Thick with Bitumastic Joints Seal	Sqm	1,200.00
1753	M1743	Expansion Joints Steel (Local)	Kg	280.00
1754	M1744	Expansion Joints with Two Extruded Aluminum Alloy Sections For 50mm Movement (USA/EU Make)	RM	55,000.00
1755	M1745	Expansion Joints with Cast Aluminum Alloy Triangular Teeth For 110mm Movement (USA/EU Make)	RM	120,000.00
1756	M1746	Expansion Joints with Cast Aluminum Alloy Cantilever Teeth For 300mm Movement (USA/EU Make)	RM	400,000.00
1757	M1747	Expansion Joints Monobloc Type For 65mm Movement (USA/EU Make)	RM	52,100.00
1758	M1748	Weather Sealant Non Staining	Litre	1,250.00
1759	M1749	Weather Sealant Normal	Litre	760.00
1760	M1750	Anchor Fastner	Each	380.00
1761	M1751	SS Bolt with Washer of Sizes for Structural Glazing	Each	83.00
1762	M1752	ACP 4 mm thick	Sqm	3,600.00
1763	M1753	Protective Tape	RM	70.00
1764	M1754	Baker Rod Meter	RM	35.00
1765	M1755	GI Flashing 1.2 mm Thick	Kg	180.00
1766	M1756	Aluminum Alloy Brackets	Kg	490.00
1767	M1757	EPDM Gasket in Kg	Kg	420.00
1768	M1758	Road blocker 3.5 feet width 2.5 feet height with Italian power pack unit including accumulator	RM	380,000.00
1769	M1759	Road boom barrier	Each	418,333.00
1770	M1760	Door access control system	Each	95,667.00
1771	M1761	Walkthrough gate of 33 zones	Each	503,333.00
1772	M1762	Tyre killer	RM	48,833.00
1773	M1763	Bullet protection film for Bullet proofing of Glass (9mm pistol)	Sqm	3,850.00
1774	M1764	MDF Board (Local) without lamination 1/2"	Sft	76.00
1775	M1765	Instant Gas Geyser (6 Litre Capacity)	Each	16,833.00

S No.	New Code	Description	Unit	Rate (Rs.)
1776	M1766	Instant Gas Geyser (8 Litre Capacity)	Each	17,200.00
1777	M1767	Instant Gas Geyser (10 Litre Capacity)	Each	21,167.00
1778	M1768	Instant Gas Geyser (12 Litre Capacity)	Each	26,333.00
1779	M1769	Instant Gas Geyser (16 Litre Capacity)	Each	29,000.00
1780	M1770	Instant Gas Geyser (20 Litre Capacity)	Each	32,000.00
1781	M1771	MS Strainer 50 mm dia 3 mm thick	RM	2,451.00
1782	M1772	MS Strainer 75 mm dia	RM	2,829.00
1783	M1773	MS Strainer 100 mm dia	RM	3,206.00
1784	M1774	MS Strainer 125 mm dia	RM	3,657.00
1785	M1775	MS Strainer 150 mm dia	RM	4,490.00
1786	M1776	MS Strainer 175 mm dia	RM	5,094.00
1787	M1777	MS Strainer 200 mm dia 3mm	RM	6,412.00
1788	M1777.1	MS Strainer 200 mm dia 3.5 mm	RM	7,374.00
1789	M1778	MS Strainer 225 mm dia	RM	6,865.00
1790	M1779	MS Strainer 250 mm dia 3 mm	RM	7,874.00
1791	M1780	MS Strainer 250 mm dia 3.5 mm	RM	8,656.00
1792	M1781	MS Strainer 250 mm dia 4 mm thickness	RM	9,958.00
1793	M1781.1	MS Strainer 250 mm dia 4.5 mm thickness	RM	11,278.00
	M1782.1	MS Strainer 300 mm dia 4mm	RM	11,644.00
	M1782.2	MS Strainer 300 mm dia 4.5mm	RM	13,484.00
	M1782.3	MS Strainer 300 mm dia 5mm	RM	15,321.00
	M1782.4	MS Strainer 300 mm dia 6mm	RM	17,162.00
1794	M1782	MS Strainer 375 mm dia	RM	11,500.00
1795	M1783	MS Strainer 450 mm dia	RM	16,100.00
1796	M1784	MS Strainer 500 mm dia	RM	19,320.00
1797	M1785	MS Strainer 550 mm dia	RM	22,425.00
1821	M1809	Submersible Pump Set 4HP China	Each	80,000.00
1822	M1810	Submersible Pump Set 5HP China	Each	100,000.00
1823	M1811	Submersible Pump Set 6 HP China	Each	115,000.00
1824	M1812	Submersible Pump Set 7.5HP China	Each	135,000.00
1825	M1813	Submersible Pump Set 10HP China	Each	155,000.00
1826	M1814	Submersible Pump Set 12.5 HP China	Each	195,000.00
1827	M1815	Submersible Pump Set 15 HP China	Each	210,000.00
1828	M1816	Submersible Pump Set 17.5 HP China	Each	235,000.00
1829	M1817	Submersible Pump Set 20 HP China	Each	250,000.00
1830	M1818	Submersible Pump Set 25 HP China	Each	270,000.00
1831	M1819	Submersible Pump Set 30 HP China	Each	295,000.00
1832	M1820	Submersible Pump Set 40 HP China	Each	315,000.00
1833	M1821	Submersible Motor Control Panel 5.5HP China	Each	3,500.00
1834	M1822	Submersible Motor Control Panel 10HP China	Each	4,000.00
1835	M1823	Submersible Motor Control Panel 15HP China	Each	8,000.00
1836	M1824	Submersible Motor Control Panel 20HP China	Each	15,000.00
1837	M1825	Submersible Motor Control Panel 25HP China	Each	18,500.00
1838	M1826	Submersible Motor Control Panel 30HP China	Each	22,000.00
1839	M1827	PPRC Elbow 90o 20 mm	Each	41.00
1840	M1828	PPRC Elbow 90o 25 mm	Each	57.00
1841	M1829	PPRC Elbow 90o 32 mm	Each	92.00
1842	M1830	PPRC Elbow 90o 40 mm	Each	154.00
1843	M1831	PPRC Elbow 90o 50 mm	Each	314.00
1844	M1832	PPRC Elbow 90o 63 mm	Each	548.00
1845	M1833	PPRC Elbow 90o 75 mm	Each	1,091.00
1846	M1834	PPRC Elbow 90o 90 mm	Each	1,890.00

S No.	New Code	Description	Unit	Rate (Rs.)
1847	M1835	PPRC Elbow 90o 110 mm	Each	3,313.00
1848	M1836	PPRC Elbow 45o 20 mm	Each	140.00
1849	M1837	PPRC Elbow 45o 25 mm	Each	150.00
1850	M1838	PPRC Elbow 45o 32 mm	Each	158.00
1851	M1839	PPRC Elbow 45o 40 mm	Each	133.00
1852	M1840	PPRC Elbow 45o 50mm	Each	290.00
1853	M1841	PPRC Elbow 45o 63 mm	Each	570.00
1854	M1842	PPRC Elbow 45o 75 mm	Each	1,110.00
1855	M1843	PPRC Elbow 45o 90 mm	Each	1,572.00
1856	M1844	PPRC Equal Tee 20 mm	Each	67.00
1857	M1845	PPRC Equal Tee 25 mm	Each	76.00
1858	M1846	PPRC Equal Tee 32 mm	Each	160.00
1859	M1847	PPRC Equal Tee 40 mm	Each	193.00
1860	M1848	PPRC Equal Tee 50 mm	Each	427.00
1861	M1849	PPRC Equal Tee 63 mm	Each	696.00
1862	M1850	PPRC Equal Tee 75 mm	Each	1,364.00
1863	M1851	PPRC Equal Tee 90 mm	Each	2,294.00
1864	M1852	PPRC Equal Tee 110 mm	Each	3,716.00
1865	M1853	PPRC Socket 20 mm	Each	31.00
1866	M1854	PPRC Socket 25 mm	Each	40.00
1867	M1855	PPRC Socket 32 mm	Each	65.00
1868	M1856	PPRC Socket 40 mm	Each	107.00
1869	M1857	PPRC Socket 50 mm	Each	203.00
1870	M1858	PPRC Socket 63 mm	Each	339.00
1871	M1859	PPRC Socket 75 mm	Each	527.00
1872	M1860	PPRC Socket 90 mm	Each	968.00
1873	M1861	PPRC Socket 110 mm	Each	1,643.00
1874	M1862	PPRC Reducing Elbow 25 20	Each	91.00
1875	M1863	PPRC Reducing Elbow 32 25	Each	127.00
1876	M1864	PPRC Reducing Socket 25 20	Each	55.00
1877	M1865	PPRC Reducing Socket 32 20	Each	142.00
1878	M1866	PPRC Reducing Socket 32 25	Each	87.00
1879	M1867	PPRC Reducing Socket 40 20	Each	125.00
1880	M1868	PPRC Reducing Socket 40 25	Each	153.00
1881	M1869	PPRC Reducing Socket 40 32	Each	175.00
1882	M1870	PPRC Reducing Socket 50 20	Each	463.00
1883	M1871	PPRC Reducing Socket 50 25	Each	258.00
1884	M1872	PPRC Reducing Socket 50 32	Each	246.00
1885	M1873	PPRC Reducing Socket 50 40	Each	221.00
1886	M1874	PPRC Reducing Socket 63 20	Each	593.00
1887	M1875	PPRC Reducing Socket 63 25	Each	428.00
1888	M1876	PPRC Reducing Socket 63 32	Each	410.00
1889	M1877	PPRC Reducing Socket 63 40	Each	423.00
1890	M1878	PPRC Reducing Socket 63 50	Each	454.00
1891	M1879	PPRC Reducing Socket 75 40	Each	746.00
1892	M1880	PPRC Reducing Socket 75 50	Each	764.00
1893	M1881	PPRC Reducing Socket 75 63	Each	858.00
1894	M1882	PPRC Reducing Socket 90 63	Each	1,263.00
1895	M1883	PPRC Reducing Socket 90 75	Each	1,339.00
1896	M1884	PPRC Reducing Socket 110 75	Each	1,337.00
1897	M1885	PPRC Reducing Socket 110 90	Each	1,449.00
1898	M1886	PPRC End Cap 20 mm	Each	28.00
1899	M1887	PPRC End Cap 25 mm	Each	45.00
1900	M1888	PPRC End Cap 32 mm	Each	60.00
1901	M1889	PPRC End Cap 40 mm	Each	91.00
1902	M1890	PPRC End Cap 50 mm	Each	154.00

S No.	New Code	Description	Unit	Rate (Rs.)
1903	M1891	PPRC End Cap 63 mm	Each	310.00
1904	M1892	PPRC End Cap 75 mm	Each	464.00
1905	M1893	PPRC Reducing Tee 20 X 25 X 20 mm	Each	89.00
1906	M1894	PPRC Reducing Tee 25 X 20 X 25 mm	Each	86.00
1907	M1895	PPRC Reducing Tee 32 x 25 x 32mm	Each	135.00
1908	M1896	PPRC Reducing Tee 32 x 25 x 20mm	Each	178.00
1909	M1897	PPRC Reducing Tee 32 X 20 X 20 mm	Each	162.00
1910	M1898	PPRC Reducing Tee 32 X 20 X 32 mm	Each	150.00
1911	M1899	PPRC Reducing Tee 40 X 20 X 40 mm	Each	184.00
1912	M1900	PPRC Reducing Tee 40 X 25 X 40 mm	Each	216.00
1913	M1901	PPRC Reducing Tee 40 X 32 X 40 mm	Each	224.00
1914	M1902	PPRC Reducing Tee 50 X 20 X 50 mm	Each	411.00
1915	M1903	PPRC Reducing Tee 50 X 25 X 50 mm	Each	442.00
1916	M1904	PPRC Reducing Tee 50 X 32 X 50 mm	Each	472.00
1917	M1905	PPRC Reducing Tee 50 X 40 X 50 mm	Each	513.00
1918	M1906	PPRC Reducing Tee 63 x 20 x 63 mm	Each	783.00
1919	M1907	PPRC Reducing Tee 63 X 25 X 63 mm	Each	708.00
1920	M1908	PPRC Reducing Tee 63 X 32 X 63 mm	Each	741.00
1921	M1909	PPRC Reducing Tee 63 X 40 X 63 mm	Each	784.00
1922	M1910	PPRC Reducing Tee 63 X 50 X 63 mm	Each	817.00
1923	M1911	PPRC Reducing Tee 75 x 25 x 75 mm	Each	1,531.00
1924	M1912	PPRC Reducing Tee 75 x 32 x 75 mm	Each	1,384.00
1925	M1913	PPRC Reducing Tee 75 x 40 x 75 mm	Each	1,291.00
1926	M1914	PPRC Reducing Tee 75 x 50 x 75 mm	Each	1,367.00
1927	M1915	PPRC Reducing Tee 75 X 63 X 75 mm	Each	1,459.00
1928	M1916	PPRC Reducing Tee 90 x 50 x 90 mm	Each	2,766.00
1929	M1917	PPRC Reducing Tee 90 x 63 x 90 mm	Each	2,933.00
1930	M1918	PPRC Reducing Tee 110 x 50 x 110 mm	Each	3,566.00
1931	M1919	PPRC Reducing Tee 110 x 63 x 110 mm	Each	5,433.00
1932	M1920	PPRC Elbow Female 20 X 1/2"	Each	289.00
1933	M1921	PPRC Elbow Female 20 X 3/4"	Each	319.00
1934	M1922	PPRC Elbow Female 25 X 1/2"	Each	289.00
1935	M1923	PPRC Elbow Female 25 X 3/4"	Each	341.00
1936	M1924	PPRC Elbow Female 32 X 1/2"	Each	361.00
1937	M1925	PPRC Elbow Female 32 X 3/4"	Each	445.00
1938	M1926	PPRC Elbow Female 32 X 1"	Each	588.00
1939	M1927	PPRC Elbow Female 40 X 1 1/4"	Each	1,298.00
1940	M1928	PPRC Elbow Female 50 X 1 1/2"	Each	1,911.00
1941	M1929	PPRC Elbow Female 63 X 2"	Each	3,336.00
1942	M1930	PPRC Elbow Male 20 X 1/2"	Each	421.00
1943	M1931	PPRC Elbow Male 20 X 3/4"	Each	547.00
1944	M1932	PPRC Elbow Male 25 X 1/2"	Each	366.00
1945	M1933	PPRC Elbow Male 25 X 3/4"	Each	463.00
1946	M1934	PPRC Elbow Male 32 X 1/2"	Each	459.00
1947	M1935	PPRC Elbow Male 32 X 3/4"	Each	632.00
1948	M1936	PPRC Elbow Male 32 X 1"	Each	851.00
1949	M1937	PPRC Elbow Male 40 X 1 1/4"	Each	1,924.00
1950	M1938	PPRC Elbow Male 50 X 1 1/2"	Each	1,972.00
1951	M1939	PPRC Elbow Male 63 X 2"	Each	4,635.00
1953	M1940	PPRC Crossover 20 mm	Each	94.00
1954	M1941	PPRC Crossover 25 mm	Each	129.00
1955	M1942	PPRC Crossover 32 mm	Each	211.00
1956	M1943	PPRC Crossover 40 mm	Each	490.00
1957	M1944	PPRC Tee Male 20 X 1/2"	Each	418.00
1958	M1945	PPRC Tee Male 20 X 3/4"	Each	347.00
1959	M1946	PPRC Tee Male 25 X 1/2"	Each	370.00

S No.	New Code	Description	Unit	Rate (Rs.)
1960	M1947	PPRC Tee Male 25 X 3/4"	Each	533.00
1961	M1948	PPRC Tee Male 32 X 1/2"	Each	499.00
1962	M1949	PPRC Tee Male 32 X 3/4"	Each	631.00
1963	M1950	PPRC Tee Male 32 X 1"	Each	794.00
1964	M1951	PPRC Tee Male 40 X 1 1/4"	Each	1,783.00
1965	M1952	PPRC Tee Male 50 X 1 1/2"	Each	2,583.00
1966	M1953	PPRC Tee Male 63 X 2"	Each	4,083.00
1967	M1954	PPRC Tee Female 20 X 1/2"	Each	346.00
1968	M1955	PPRC Tee Female 20 X 3/4"	Each	303.00
1969	M1956	PPRC Tee Female 25 X 1/2"	Each	329.00
1970	M1957	PPRC Tee Female 25 X 3/4"	Each	430.00
1971	M1958	PPRC Tee Female 32 X 1/2"	Each	439.00
1972	M1959	PPRC Tee Female 32 X 3/4"	Each	518.00
1973	M1960	PPRC Tee Female 32 X 1"	Each	641.00
1974	M1961	PPRC Tee Female 40 X 1 1/4"	Each	1,506.00
1975	M1962	PPRC Tee Female 50 X 1 1/2"	Each	2,273.00
1976	M1963	PPRC Tee Female 63 X 2"	Each	3,549.00
1977	M1964	PPRC Union Female 20 1/2"	Each	263.00
1978	M1965	PPRC Union Female 25 1/2"	Each	283.00
1979	M1966	PPRC Union Female 25 3/4"	Each	380.00
1980	M1967	PPRC Union Female 32 1/2"	Each	593.00
1981	M1968	PPRC Union Female 32 3/4"	Each	473.00
1982	M1969	PPRC Union Female 32 1"	Each	575.00
1983	M1970	PPRC Union Female 50 1 1/2"	Each	1,383.00
1984	M1971	PPRC Union Female 63 2"	Each	2,415.00
1985	M1972	PPRC Union Male 20 1/2"	Each	393.00
1986	M1973	PPRC Union Male 25 1/2"	Each	513.00
1987	M1974	PPRC Union Male 25 3/4"	Each	520.00
1988	M1975	PPRC Union Male 32 1/2"	Each	630.00
1989	M1976	PPRC Union Male 32 3/4"	Each	670.00
1990	M1977	PPRC Union Male 32 1"	Each	798.00
1991	M1978	PPRC Union Male 40 1 1/4"	Each	934.00
1992	M1979	PPRC Union Male 50 1 1/2"	Each	1,273.00
1993	M1980	PPRC Union Male 60 2"	Each	2,412.00
1994	M1981	PPRC Union 20mm	Each	157.00
1995	M1982	PPRC Union 25mm	Each	220.00
1996	M1983	PPRC Union 32mm	Each	306.00
1997	M1984	PPRC Union 40mm	Each	531.00
1998	M1985	PPRC Union 50mm	Each	965.00
1999	M1986	PPRC Union 63mm	Each	1,703.00
2000	M1987	PPRC Cross Tee 20mm	Each	268.00
2001	M1988	PPRC Cross Tee 25mm	Each	353.00
2002	M1989	PPRC Cross Tee 32mm	Each	671.00
2003	M1990	PPRC Cross Tee 40 mm	Each	971.00
2004	M1991	PPRC Throttle Valve 20mm	Each	899.00
2005	M1992	PPRC Throttle Valve 25mm	Each	1,357.00
2006	M1993	PPRC Throttle Valve 32mm	Each	1,859.00
2007	M1994	PPRC Throttle Valve 40mm	Each	2,884.00
2008	M1995	PPRC Throttle Valve 50mm	Each	4,193.00
2009	M1996	PPRC Throttle Valve 63mm	Each	5,386.00
2010	M1997	PPRC Threaded Plug 20mm	Each	22.00
2011	M1998	PPRC Threaded Plug 25mm	Each	22.00
2012	M1999	PPRC Threaded Plug 32mm	Each	36.00
2013	M2000	PPRC Threaded Plug 40mm	Each	48.00
2014	M2001	PPRC Pipe Clamp 20mm	Each	22.00
2015	M2002	PPRC Pipe Clamp 25mm	Each	30.00

S No.	New Code	Description	Unit	Rate (Rs.)
2016	M2003	PPRC Pipe Clamp 32mm	Each	35.00
2017	M2004	PPRC Pipe Clamp 40mm	Each	45.00
2018	M2005	PPRC Pipe Clamp 50mm	Each	59.00
2019	M2006	PPRC Pipe Clamp 63mm	Each	67.00
2020	M2007	PPRC Socket Female 20 X 1/2"	Each	277.00
2021	M2008	PPRC Socket Female 20 X 3/4"	Each	307.00
2022	M2009	PPRC Socket Female 25 X 1/2"	Each	261.00
2023	M2010	PPRC Socket Female 25 X 3/4"	Each	312.00
2024	M2011	PPRC Socket Female 32 X 1/2"	Each	351.00
2025	M2012	PPRC Socket Female 32 X 3/4"	Each	446.00
2026	M2013	PPRC Socket Female 32 X 1"	Each	603.00
2027	M2014	PPRC Socket Female 40 X 1 1/4"	Each	1,185.00
2028	M2015	PPRC Socket Female 50 X 1 1/2"	Each	1,795.00
2029	M2016	PPRC Socket Female 63 X 2"	Each	2,868.00
2030	M2017	PPRC Socket Female 75 X 1 1/2"	Each	4,983.00
2031	M2018	PPRC Socket Female 75 X 2 1/2"	Each	5,765.00
2032	M2019	PPRC Socket Female 90 X 3"	Each	9,867.00
2033	M2020	PPRC Socket Male 20 X 1/2"	Each	381.00
2034	M2021	PPRC Socket Male 20 X 3/4"	Each	267.00
2035	M2022	PPRC Socket Male 25 X 1/2"	Each	351.00
2036	M2023	PPRC Socket Male 25 X 3/4"	Each	443.00
2037	M2024	PPRC Socket Male 32 X 1/2"	Each	470.00
2038	M2025	PPRC Socket Male 32 X 3/4"	Each	564.00
2039	M2026	PPRC Socket Male 32 X 1"	Each	683.00
2040	M2027	PPRC Socket Male 40 X 1 1/4"	Each	1,494.00
2041	M2028	PPRC Socket Male 50 X 1 1/2"	Each	2,516.00
2042	M2029	PPRC Socket Male 63 X 2"	Each	2,881.00
2043	M2030	PPRC Socket Male 75 X 1 1/2"	Each	6,433.00
2044	M2031	PPRC Socket Male 90 X 3"	Each	14,299.00
2045	M2032	Master Tiles 24" X 24" MCS Series Light Rectified SB	Sqm	3,318.00
2046	M2033	Master Tiles 24" X 24" MCS Series Light Rectified ST	Sqm	3,000.00
2047	M2034	Master Tiles 24" X 24" MCS Series Dark Rectified SB	Sqm	3,300.00
2048	M2035	Master Tiles 24" X 24" MCS Series Dark Rectified ST	Sqm	3,200.00
2049	M2036	Master Tiles 24" X 24" Salt 'Pepper (SPM) Dark Polished SB	Sqm	4,000.00
2050	M2037	Master Tiles 24" X 24" Salt 'Pepper (SPM) Dark Polished ST	Sqm	3,800.00
2051	M2038	Master Tiles 24" X 24" Salt 'Pepper (SPM 110) Light Polished SB	Sqm	3,900.00
2052	M2039	Master Tiles 24" X 24" Salt 'Pepper (SPM 110) Light Polished ST	Sqm	3,000.00
2053	M2040	Master Tiles 24" X 24" Granite Effect (GEM) Dark Polished SB	Sqm	3,300.00
2054	M2041	Master Tiles 24" X 24" Granite Effect (GEM) Dark Polished ST	Sqm	3,200.00
2055	M2042	Master Tiles 24" X 24" Granite with dry/wet/veined application DWV series Polished (Light color) class SB	Sqm	3,150.00
2056	M2043	Master Tiles 24" X 24" Granite with dry/wet/venied application DWV series Polished (Light color) class ST	Sqm	3,300.00
2057	M2044	Master Tiles 24" X 24" Granite with dry/wet/venied application DWV series Polished (Dark color) class SB	Sqm	3,000.00
2058	M2045	Master Tiles 24" X 24" Granite with dry/wet/venied application DWV series Polished (Dark color) class ST	Sqm	3,000.00
2059	M2046	Master Tiles 24" X 24" Coral Master (CLM) Dark Polished SB	Sqm	3,000.00

S No.	New Code	Description	Unit	Rate (Rs.)
2060	M2047	Master Tiles 24" X 24" Coral Master (CLM) Dark Polished ST	Sqm	3,000.00
2061	M2048	Master Tiles 24" X 24" IMPG Imperial Dark Polished SB	Sqm	3,000.00
2062	M2049	Master Tiles 24" X 24" IMPG Imperial Dark Polished ST	Sqm	3,000.00
2063	M2050	Master Tiles 24" X 24" GPM Glazed Polished Light SB	Sqm	3,000.00
2064	M2051	Master Tiles 24" X 24" GPM Glazed Polished Light ST	Sqm	3,000.00
2065	M2052	Master Tiles 24" X 24" GPM Glazed Polished Dark SB	Sqm	3,000.00
2066	M2053	Master Tiles 24" X 24" GPM Glazed Polished Dark ST	Sqm	3,000.00
2067	M2054	Master Tiles 24" X 24" GPD Series Light Polished SB	Sqm	3,000.00
2068	M2055	Master Tiles 24" X 24" GPD Series Light Polished ST	Sqm	3,000.00
2069	M2056	Master Tiles 24" X 24" GPD Series Dark Polished SB	Sqm	3,000.00
2070	M2057	Master Tiles 24" X 24" GPD Series Dark Polished ST	Sqm	3,000.00
2071	M2058	Master Tiles 24" X 24" MCD Glazed Rectified Light SB	Sqm	3,000.00
2072	M2059	Master Tiles 24" X 24" MCD Glazed Rectified Light ST	Sqm	3,000.00
2073	M2060	Master Tiles 24" X 24" MCD Glazed Rectified Dark SB	Sqm	3,000.00
2074	M2061	Master Tiles 24" X 24" MCD Glazed Rectified Dark ST	Sqm	3,000.00
2075	M2062	Master Tiles 8"x8" Master Tiles 8"x8" SP Series on matching Light Color base (Glossy / Matt) SB	Sqm	1,250.00
2076	M2063	Master Tiles 8"x8" SP Series on matching Light Color base (Glossy / Matt) SS	Sqm	1,200.00
2077	M2064	Master Tiles 8"x8" SP Series on matching Light Color base (Glossy / Matt) ST	Sqm	1,250.00
2078	M2065	Master Tiles 8"x8" SP Series on matching Dark Color base (Glossy / Matt) SB	Sqm	1,200.00
2079	M2066	Master Tiles 8"x8" SP Series on matching Dark Color base (Glossy / Matt) SS	Sqm	1,250.00
2080	M2067	Master Tiles 8"x8" SP Series on matching Dark Color base (Glossy / Matt) ST	Sqm	1,200.00
2081	M2068	Master Tiles 8"x8" Solo executive on Light color base Plain/Texture (Glossy/Matt)SE MATT series class SB	Sqm	1,250.00
2082	M2069	Master Tiles 8"x8" Solo executive on Light color base Plain/Texture (Glossy/Matt)SE MATT series class SS	Sqm	1,200.00
2083	M2070	Master Tiles 8"x8" Solo executive on Light color base Plain/Texture (Glossy/Matt)SE MATT series class ST	Sqm	1,250.00
2084	M2071	Master Tiles 8"x8" Solo executive on Dark color base Plain/Texture (Glossy/Matt)SE MATT series class SB	Sqm	1,200.00
2085	M2072	Master Tiles 8"x8" Solo executive on Dark color base Plain/Texture (Glossy/Matt)SE MATT series class SS	Sqm	1,250.00
2086	M2073	Master Tiles 8"x8" Solo executive on Dark color base Plain/Texture (Glossy/Matt)SE MATT series class ST	Sqm	1,200.00
2087	M2074	Master Tiles 8"x10" Solo executive on Light color base. Plain/Texture (Glossy/Matt) SE series class SB	Sqm	1,350.00
2088	M2075	Master Tiles 8"x10" Solo executive on Light color base. Plain/Texture (Glossy/Matt) SE series class SS	Sqm	1,350.00
2089	M2076	Master Tiles 8"x10" Solo executive on Light color base. Plain/Texture (Glossy/Matt) SE series class ST	Sqm	1,350.00
2090	M2077	Master Tiles 8"x10" Solo executive on Dark color base. Plain/Texture (Glossy/Matt) SE series class SB	Sqm	1,350.00
2091	M2078	Master Tiles 8"x10" Solo executive on Dark color base. Plain/Texture (Glossy/Matt) SE series class SS	Sqm	1,350.00
2092	M2079	Master Tiles 8"x10" Solo executive on Dark color base. Plain/Texture (Glossy/Matt) SE series class ST	Sqm	1,350.00
2093	M2080	Master Tiles 12"x24" MCT Series Light Colors Glazed (SB)	Sqm	1,750.00
2094	M2081	Master Tiles 12"x24" MCT Series Light Colors Glazed (ST)	Sqm	1,700.00
2095	M2082	Master Tiles 12"x24" MCT Series Dark Colors Glazed (SB)	Sqm	1,750.00
2096	M2083	Master Tiles 12"x24" MCT Series Dark Colors Glazed (ST)	Sqm	1,700.00

S No.	New Code	Description	Unit	Rate (Rs.)
2097	M2084	Master Tiles 12"x24" SFD Series Light Colors Rectified (SB)	Sqm	1,750.00
2098	M2085	Master Tiles 12"x24" SFD Series Light Colors Rectified (ST)	Sqm	1,700.00
2099	M2086	Master Tiles 12"x24" SFD Series Dark Colors Rectified (SB)	Sqm	1,750.00
2100	M2087	Master Tiles 12"x24" SFD Series Dark Colors Rectified (ST)	Sqm	1,700.00
2101	M2088	Master Tiles 12"x24" SED Series Light_Non rectified SB	Sqm	1,750.00
2102	M2089	Master Tiles 12"x24" SED Series Light_Non rectified ST	Sqm	1,700.00
2103	M2090	Master Tiles 12"x24" SED Series Dark_Non rectified SB	Sqm	1,750.00
2104	M2091	Master Tiles 12"x24" SED Series Dark_Non rectified ST	Sqm	1,700.00
2105	M2092	Master Tiles 12"x24" MPD Series Light Colors Glazed (SB)	Sqm	1,750.00
2106	M2093	Master Tiles 12"x24" MPD Series Light Colors Glazed (ST)	Sqm	1,700.00
2107	M2094	Master Tiles 12"x24" MPD Series Dark Colors Glazed (SB)	Sqm	1,750.00
2108	M2095	Master Tiles 12"x24" MPD Series Dark Colors Glazed (ST)	Sqm	1,700.00
2109	M2096	Floor Tiles 132mm x 268mm x 10mm (All Colors)	Sqm	1,180.00
2110	M2097	Facing Strips 66mm x 268mm x 10mm (All Colors)	Sqm	1,180.00
2111	M2098	Step Tiles 190mm x 268mm x 10mm (All Colors)	Sqm	430.00
2112	M2099	Angel 52 x 115 x 268 x 10mm	Sqm	480.00
2113	M2100	Floor Tiles 132mm x 268mm x 10mm	Sqm	1,360.00
2114	M2101	Facing Strips 66mm x 268mm x 10mm	Sqm	1,360.00
2115	M2102	Step Tiles 190mm x 268mm x 10mm	Sqm	430.00
2116	M2103	Angel 52 x 115 x 268 x 10mm	Sqm	480.00
2121	M2108	Chequered Tile 115 x 268 x 10mm	Sqm	1,350.00
2122	M2109	Ceramic Wall Tiles P Size6x6 Plain White	Sqm	1,000.00
2123	M2110	Ceramic Wall Tiles P Size6x6 Plain Brown/Green	Sqm	1,000.00
2124	M2111	Ceramic Wall Tiles P Size6x6 Plain Mid Night Blue	Sqm	1,000.00
2125	M2112	Ceramic Wall Tiles P Size6x6 Plain Red	Sqm	1,000.00
2126	M2113	Ceramic Wall Tiles P Size8x8 Plain Light Color	Sqm	1,200.00
2127	M2114	Ceramic Wall Tiles P Size8x8 Plain Dark Color	Sqm	1,200.00
2128	M2115	Ceramic Wall Tiles P Size8x8 Plain N. Blue / Burgundy	Sqm	1,200.00
2129	M2116	Ceramic Wall Tiles P Size8x8 Plain Red Yellow	Sqm	1,200.00
2130	M2117	Ceramic Wall Tiles P Size8x8 Texture Light	Sqm	1,200.00
2131	M2118	Ceramic Wall Tiles P Size8x8 Texture Dark	Sqm	1,200.00
2132	M2119	Ceramic Wall Tiles P Size8x8 Texture Burgundy	Sqm	1,200.00
2133	M2120	Ceramic Wall Tiles P Size8x8 Hala Design	Sqm	1,200.00
2134	M2121	Ceramic Wall Tiles P Size8x8 Die Punch Light	Sqm	1,200.00
2135	M2122	Ceramic Wall Tiles P Size8x8 Die Punch Dark	Sqm	1,200.00
2136	M2123	Ceramic Wall Tiles P Size8x8 Die Punch Burgundy	Sqm	1,200.00
2137	M2124	Ceramic Wall Tiles Size8x10 Plain Light Color	Sqm	1,300.00
2138	M2125	Ceramic Wall Tiles Size8x10 Plain Dark Color	Sqm	1,300.00
2139	M2126	Ceramic Wall Tiles Size8x10 Plain N. Blue/ Burgundy / Exotic Brown	Sqm	1,300.00
2140	M2127	Ceramic Wall Tiles Size8x10 Plain Red Yellow	Sqm	1,300.00
2141	M2128	Ceramic Wall Tiles Size8x10 Texture Light	Sqm	1,300.00
2142	M2129	Ceramic Wall Tiles Size8x10 Texture Dark	Sqm	1,300.00
2143	M2130	Ceramic Wall Tiles Size8x10 Texture Burgundy	Sqm	1,300.00
2144	M2131	Ceramic Wall Tiles Size8x10 Luster Light	Sqm	1,300.00
2145	M2132	Ceramic Wall Tiles Size8x10 Luster Dark	Sqm	1,300.00
2146	M2133	Ceramic Wall Tiles Size8x10 Luster Burgundy	Sqm	1,300.00
2147	M2134	Ceramic Wall Tiles Size8x10 Hala Design	Sqm	1,300.00
2148	M2135	Ceramic Wall Tiles Size8x10 Die Punch Light	Sqm	1,300.00
2149	M2136	Ceramic Wall Tiles Size8x10 Die Punch Dark	Sqm	1,300.00
2150	M2137	Ceramic Wall Tiles Size8x10 Die Punch Burgundy	Sqm	1,300.00

S No.	New Code	Description	Unit	Rate (Rs.)
2151	M2138	Ceramic Wall Tiles P Size8x12 Plain Light Color	Sqm	1,400.00
2152	M2139	Ceramic Wall Tiles P Size8x12 Plain Dark Color	Sqm	1,400.00
2153	M2140	Ceramic Wall Tiles P Size8x12 Plain N. Blue/ Burgundy / Exotic Brown	Sqm	1,400.00
2154	M2141	Ceramic Wall Tiles P Size8x12 Plain Red Yellow	Sqm	1,400.00
2155	M2142	Ceramic Wall Tiles P Size8x12 Texture Light	Sqm	1,400.00
2156	M2143	Ceramic Wall Tiles P Size8x12 Texture Dark	Sqm	1,400.00
2157	M2144	Ceramic Wall Tiles P Size8x12 Texture Burgundy	Sqm	1,400.00
2158	M2145	Ceramic Wall Tiles P Size8x12 Luster Light	Sqm	1,400.00
2159	M2146	Ceramic Wall Tiles P Size8x12 Luster Dark	Sqm	1,400.00
2160	M2147	Ceramic Wall Tiles P Size8x12 Luster Burgundy	Sqm	1,400.00
2161	M2148	Ceramic Wall Tiles P Size8x12 Hala Design	Sqm	1,400.00
2162	M2149	Ceramic Wall Tiles P Size8x12 Die Punch Light	Sqm	1,400.00
2163	M2150	Ceramic Wall Tiles P Size8x12 Die Punch Dark	Sqm	1,400.00
2164	M2151	Ceramic Wall Tiles P Size8x12 Die Punch Burgundy	Sqm	1,400.00
2165	M2152	Ceramic Wall Tiles P10x3 Plain Light Color	Sqm	1,700.00
2166	M2153	Ceramic Wall Tiles P Size10x13 Plain Dark Color	Sqm	1,750.00
2167	M2154	Ceramic Wall Tiles P Size10x13 Plain N. Blue/ Burgundy / Exotic Brown	Sqm	1,800.00
2168	M2155	Ceramic Wall Tiles P Size10x13 Plain Red Yellow	Sqm	1,900.00
2169	M2156	Ceramic Wall Tiles P Size10x13 Texture Light	Sqm	1,650.00
2170	M2157	Ceramic Wall Tiles P Size10x13 Texture Dark	Sqm	1,650.00
2171	M2158	Ceramic Wall Tiles P Size10x13 Texture Burgundy	Sqm	1,650.00
2172	M2159	Ceramic Wall Tiles P Size10x13 Reactive Light	Sqm	1,650.00
2173	M2160	Ceramic Wall Tiles P Size10x13 Reactive Dark	Sqm	1,650.00
2174	M2161	Ceramic Wall Tiles P Size10x13 Luster Light	Sqm	1,650.00
2175	M2162	Ceramic Wall Tiles P Size10x13 Luster Dark	Sqm	1,650.00
2176	M2163	Ceramic Wall Tiles P Size10x13 Luster Burgundy	Sqm	1,650.00
2177	M2164	Ceramic Wall Tiles P Size10x13 Die Punch Light	Sqm	1,650.00
2178	M2165	Ceramic Wall Tiles P Size10x13 Die Punch Dark	Sqm	1,650.00
2179	M2166	Ceramic Wall Tiles P Size10x13 Die Punch Burgundy	Sqm	1,650.00
2180	M2167	Ceramic Wall Tiles P Size12x24 Texture Normal Gloss (Light)	Sqm	1,750.00
2181	M2168	Ceramic Wall Tiles P Size12x24 Texture Normal Gloss (Dark)	Sqm	1,800.00
2182	M2169	Ceramic Wall Tiles P Size12x24 Die Punch (All)	Sqm	1,700.00
2183	M2170	Ceramic Wall Tiles P Size12x18 Texture Normal Gloss (Light)	Sqm	1,950.00
2184	M2171	Ceramic Wall Tiles P Tiles P Size12x18 Texture Normal Gloss (Dark)	Sqm	1,950.00
2185	M2172	Ceramic Wall Tiles P Size12x18 Die Punch (All)	Sqm	1,950.00
2186	M2173	Ceramic Floor Tiles P Size12x18 Plain N. Blue/Burgundy	Sqm	1,950.00
2187	M2174	Ceramic Wall Tiles P Size12x18 Plain Red/Yellow	Sqm	1,950.00
2188	M2175	Ceramic Wall Tiles P Size12x18 Texture Light	Sqm	1,950.00
2189	M2176	Ceramic Wall Tiles P Size12x18 Texture Dark	Sqm	1,950.00
2190	M2177	Ceramic Wall Tiles P Size12x18 Texture Burgundy	Sqm	1,950.00
2191	M2178	Ceramic Wall Tiles P Size12x18 Luster Light	Sqm	1,950.00
2192	M2179	Ceramic Wall Tiles P Size12x18 Luster Dark	Sqm	1,950.00
2193	M2180	Ceramic Wall Tiles P Size12x18 Luster Burgundy	Sqm	1,950.00
2194	M2181	Ceramic Wall Tiles P Size12x18 Die Punch Light	Sqm	1,950.00
2195	M2182	Ceramic Wall Tiles P Size12x18 Die Punch Dark	Sqm	1,950.00
2196	M2183	Ceramic Wall Tiles P Size12x18 Die Punch Burgundy	Sqm	1,950.00
2197	M2184	Ceramic Floor Tiles P Size12x12 Plain Light Color	Sqm	1,750.00
2198	M2185	Ceramic Floor Tiles P Size12x12 Plain Dark Color	Sqm	1,650.00
2199	M2186	Ceramic Floor Tiles P Size12x12 Texture Light	Sqm	1,700.00
2200	M2187	Ceramic Floor Tiles P Size12x12 Texture Dark	Sqm	1,650.00

S No.	New Code	Description	Unit	Rate (Rs.)
2201	M2188	Ceramic Floor Tiles P Size12x12 Plain Light Color	Sqm	1,900.00
2202	M2189	Ceramic Floor Tiles P Size12x12 Plain Dark Color	Sqm	1,900.00
2203	M2190	Ceramic Floor Tiles P Size12x12 Texture Light	Sqm	1,900.00
2204	M2191	Ceramic Floor Tiles P Size12x12 Texture Dark	Sqm	1,900.00
2205	M2192	Porcelain Floor Tiles P Size16x16 Plain Light Color SSP	Sqm	2,300.00
2206	M2193	Porcelain Floor Tiles P Size16x16 Plain Coffee Brown SSP	Sqm	2,300.00
2207	M2194	Porcelain Floor Tiles P Size16x16 Salt & Pepper Light SNP	Sqm	2,300.00
2208	M2195	Porcelain Floor Tiles P Size16x16 Vein Effect SVE	Sqm	2,300.00
2209	M2196	Porcelain Floor Tiles P Size20x20 Plain Light Color SSP	Sqm	2,450.00
2210	M2197	Porcelain Floor Tiles P Size20x20 Plain Coffee Brown SSP	Sqm	2,500.00
2211	M2198	Porcelain Floor Tiles P Size20x20 Salt & Pepper Light SNP	Sqm	2,450.00
2212	M2199	Porcelain Floor Tiles P Size20x20 Salt & Pepper Dark Grey 52301 SNP	Sqm	2,500.00
2213	M2200	Porcelain Floor Tiles P Size20x20 Salt & Pepper Green 50902 SNP	Sqm	2,450.00
2214	M2201	Porcelain Floor Tiles P Size20x20 Vein Effect SVE	Sqm	2,500.00
2215	M2203	Master Tiles 12" X12" Salt'n paper (SPC) with Crystal & Metallic Printing Effect (Rectified)(Light color) SB	Sqm	850.00
2216	M2204	Master Tiles 12" X12" Salt'n paper (SPC) with Crystal & Metallic Printing Effect (Rectified)(Light color) ST	Sqm	800.00
2217	M2205	Master Tiles 12" X12" Salt'n paper (SPC) with Crystal & Metallic Printing Effect (Rectified)(Dark color) SB	Sqm	980.00
2218	M2206	Master Tiles 12" X12" Salt'n paper (SPC) with Crystal & Metallic Printing Effect (Rectified)(Dark color) ST	Sqm	850.00
2219	M2207	Master Tiles 12" X12" LPF Series Light Color (Rectified)SB	Sqm	850.00
2220	M2208	Master Tiles 12" X12" LPF Series Light Color (Rectified)ST	Sqm	800.00
2221	M2209	Master Tiles 12" X12" LPF Series Dark Color (Rectified)SB	Sqm	980.00
2222	M2210	Master Tiles 12" X12" LPF Series Dark Color (Rectified)ST	Sqm	980.00
2223	M2211	Master Tiles 12" X12" LPFS Series Light Color (Rectified)SB	Sqm	980.00
2224	M2212	Master Tiles 12" X12" LPFS Series Light Color (Rectified)ST	Sqm	980.00
2225	M2213	Master Tiles 12" X12" LPFS Series Dark Color (Rectified)SB	Sqm	980.00
2226	M2214	Master Tiles 12" X12" LPFS Series Dark Color (Rectified)ST	Sqm	980.00
2227	M2215	Master Tiles 12" X12" Stone effect in Plain Colors SEM series (Rectified)(Light color)class SB	Sqm	980.00
2228	M2216	Master Tiles 12" X12" Stone effect in Plain Colors SEM series (Rectified)(Light color)class ST	Sqm	980.00
2229	M2217	Master Tiles 12" X12" Stone effect in Plain Colors SEM series (Rectified)(Dark color)class SB	Sqm	980.00
2230	M2218	Master Tiles 12" X12" Stone effect in Plain Colors SEM series (Rectified)(Dark color)class ST	Sqm	980.00
2231	M2219	Master Tiles 12" X12" Stone effect in Salt'n Peppers' series (Rectified)(Light color)class SB	Sqm	980.00
2232	M2220	Master Tiles 12" X12" Stone effect in Salt'n Pepper SSP series (Rectified)(Light color)class ST	Sqm	980.00
2233	M2221	Master Tiles 12" X12" Stone effect in Salt'n Pepper SSP series (Rectified)(Dark color)class SB	Sqm	980.00

S No.	New Code	Description	Unit	Rate (Rs.)
2234	M2222	Master Tiles 12" X12" Stone effect in Salt'n Pepper SSP series (Rectified)(Dark color)class ST	Sqm	980.00
2235	M2223	Master Tiles 12" X12" Stone effect in Granite SEG series (Rectified)(Light color)class SB	Sqm	980.00
2236	M2224	Master Tiles 12" X12" Stone effect in Granite SEG series (Rectified)(Light color)class ST	Sqm	980.00
2237	M2225	Master Tiles 12" X12" Stone effect in Granite SEG series (Rectified)(Dark color)class SB	Sqm	980.00
2238	M2226	Master Tiles 12" X12" Stone effect in Granite SEG series (Rectified)(Dark color)class ST	Sqm	980.00
2239	M2227	Master Tiles 12" X12" LPD Series Light Rectified SB	Sqm	980.00
2240	M2228	Master Tiles 12" X12" LPD Series Light Rectified ST	Sqm	980.00
2241	M2229	Master Tiles 12" X12" LPD Series Dark Rectified SB	Sqm	980.00
2242	M2230	Master Tiles 12" X12" LPD Series Dark Rectified ST	Sqm	980.00
2243	M2231	Master Tiles 12" X12" SED Stone Effect Digital Light Rectified SB	Sqm	980.00
2244	M2232	Master Tiles 12" X12" SED Stone Effect Digital Light Rectified ST	Sqm	980.00
2245	M2233	Master Tiles 12" X12" SED Stone Effect Digital Dark Rectified SB	Sqm	980.00
2246	M2234	Master Tiles 12" X12" SED Stone Effect Digital Dark Rectified ST	Sqm	980.00
2247	M2235	Master Tiles 16" X 16" BCS Series (Light Rectified) SB	Sqm	2,100.00
2248	M2236	Master Tiles 16" X 16" BCS Series (Light Rectified) ST	Sqm	2,100.00
2249	M2237	Master Tiles 16" X 16" BCS Series (Dark Rectified) SB	Sqm	2,100.00
2250	M2238	Master Tiles 16" X 16" BCS Series (Dark Rectified) ST	Sqm	2,100.00
2251	M2239	Master Tiles 16" X 16" BCD Series (Light Rectified) SB	Sqm	2,100.00
2252	M2240	Master Tiles 16" X 16" BCD Series (Light Rectified) ST	Sqm	2,100.00
2253	M2241	Master Tiles 16" X 16" BCD Series (Dark Rectified) SB	Sqm	2,100.00
2254	M2242	Master Tiles 16" X 16" BCD Series (Dark Rectified) ST	Sqm	2,100.00
2255	M2243	Master Tiles 16" X 16" Salt'n Pepper SPM Dark Polished SB	Sqm	2,100.00
2256	M2244	Master Tiles 16" X 16" Salt'n Pepper SPM Dark Polished ST	Sqm	2,100.00
2257	M2245	Master Tiles 16" X 16" Salt'n Pepper (SPM 110) Light Polished SB	Sqm	2,100.00
2258	M2246	Master Tiles 16" X 16" Salt'n Pepper (SPM 110) Light Polished ST	Sqm	2,100.00
2259	M2247	Master Tiles 16" X 16" Granite effect GEM series Polished (Dark color) SB	Sqm	2,100.00
2260	M2248	Master Tiles 16" X 16" Granite effect GEM series Polished (Dark color) ST	Sqm	2,100.00
2261	M2249	Master Tiles 16" X 16" Granite with dry/wet/venied application DWV series Polished (Light color) class SB	Sqm	2,100.00
2262	M2250	Master Tiles 16" X 16" Granite with dry/wet/venied application DWV series Polished (Light color) class ST	Sqm	2,100.00
2263	M2251	Master Tiles 16" X 16" Granite with dry/wet/venied application DWV series Polished (Dark color) class SB	Sqm	2,100.00
2264	M2252	Master Tiles 16" X 16" Granite with dry/wet/venied application DWV series Polished (Dark color) class ST	Sqm	2,100.00
2265	M2253	Master Tiles 16" X 16" Coral Master (CLM) Dark Polished SB	Sqm	2,100.00
2266	M2254	Master Tiles 16" X 16" Coral Master (CLM) Dark Polished ST	Sqm	2,100.00
2267	M2255	Master Tiles 16" X 16" Imperial (IMPG) Dark Color Polished SB	Sqm	2,100.00

S No.	New Code	Description	Unit	Rate (Rs.)
2268	M2256	Master Tiles 16" X 16" Imperial (IMPG) Dark Color Polished ST	Sqm	2,100.00
2269	M2257	Master Tiles 12" X 18" SP Series on matching color base (Glossy / Matt) Light Color Rectified SB	Sqm	2,150.00
2270	M2258	Master Tiles 12" X 18" SP Series on matching color base (Glossy / Matt) Light Color Rectified SS	Sqm	2,150.00
2271	M2259	Master Tiles 12" X 18" SP Series on matching color base (Glossy / Matt) Light Color Rectified ST	Sqm	2,150.00
2272	M2260	Master Tiles 12" X 18" SP Series on matching color base (Glossy) Dark Color Rectified SB	Sqm	2,150.00
2273	M2261	Master Tiles 12" X 18" SP Series on matching color base (Glossy) Dark Color Rectified SS	Sqm	2,150.00
2274	M2262	Master Tiles 12" X 18" SP Series on matching color base (Glossy) Dark Color Rectified ST	Sqm	2,150.00
2275	M2263	Master Tiles 12" X 18" GSP Series Plain matching Light Colors (Glossy / Matt) GSP SB	Sqm	2,150.00
2276	M2264	Master Tiles 12" X 18" GSP Series Plain matching Light Colors (Glossy / Matt) GSP SS	Sqm	2,150.00
2277	M2265	Master Tiles 12" X 18" GSP Series Plain matching Light Colors (Glossy / Matt) GSP ST	Sqm	2,150.00
2278	M2266	Master Tiles 12" X 18" GSP Series Plain matching Dark Colors (Glossy / Matt) GSP SB	Sqm	2,150.00
2279	M2267	Master Tiles 12" X 18" GSP Series Plain matching Dark Colors (Glossy / Matt) GSP SS	Sqm	2,150.00
2280	M2268	GSP Series Plain matching Dark Colors (Glossy / Matt) GSP ST	Sqm	2,150.00
2281	M2269	Master Tiles 12" X 18" SP Series Plain matching Light Colors (Glossy / Matt) SP PLN SB	Sqm	2,150.00
2282	M2270	Master Tiles 12" X 18" SP Series Plain matching Light Colors (Glossy / Matt) SP PLN SS	Sqm	2,150.00
2283	M2271	Master Tiles 12" X 18" SP Series Plain matching Light Colors (Glossy / Matt) SP PLN ST	Sqm	2,150.00
2284	M2272	Master Tiles 12" X 18" SP Series Plain matching Dark Colors (Glossy / Matt) SP PLN SB	Sqm	2,150.00
2285	M2273	Master Tiles 12" X 18" SP Series Plain matching Dark Colors (Glossy / Matt) SP PLN SS	Sqm	2,150.00
2286	M2274	Master Tiles 12" X 18" SP Series Plain matching Dark Colors (Glossy / Matt) SP PLN ST	Sqm	2,150.00
2287	M2275	Master Tiles 12" X 18" DFD Series Light SB	Sqm	2,150.00
2288	M2276	Master Tiles 12" X 18" DFD Series Light SS	Sqm	2,150.00
2289	M2277	Master Tiles 12" X 18" DFD Series Light ST	Sqm	2,150.00
2290	M2278	Master Tiles 12" X 18" DFD Series Dark SB	Sqm	2,150.00
2291	M2279	Master Tiles 12" X 18" DFD Series Dark SS	Sqm	2,150.00
2292	M2280	Master Tiles 12" X 18" DFD Series Dark ST	Sqm	2,150.00
2293	M2281	Pre Cast Slab 2' 6"x1' 6"	Each	392.00
2294	M2282	Pre Cast Slab 3'x1' 6"	Each	483.00
2295	M2283	Pre Cast Slab 3'x2'	Each	520.00
2296	M2284	Pre Cast Slab 3' 6"x1' 6"	Each	505.00
2297	M2285	Pre Cast Slab 3' 6"x2'	Each	570.00
2298	M2286	Pre Cast Slab 4'x1' 6"	Each	715.00
2299	M2287	Pre Cast Slab 4' 6"x1' 6"	Each	838.00
2300	M2288	Pre Cast Slab 5'x1' 6"	Each	903.00
2301	M2289	Pre Cast Slab 5' 6"x1' 6"	Each	897.00
2302	M2290	Pre Cast Slab 6'x1' 6"	Each	933.00
2303	M2291	Pre Cast Slab 6' 6"x1' 6"	Each	1,010.00
2304	M2292	Pre Cast Slab 7'x1' 6"	Each	858.00

S No.	New Code	Description	Unit	Rate (Rs.)
2305	M2293	Pre Cast Slab 3'x1'	Each	469.00
2306	M2294	Pre Cast Slab 3' 6"x1'	Each	515.00
2307	M2295	Pre Cast Slab 4'x1'	Each	555.00
2308	M2296	Pre Cast Slab 4' 6"x1'	Each	572.00
2309	M2297	Pre Cast Slab 5'x1'	Each	600.00
2310	M2298	Pre Cast Slab 5' 6"x1'	Each	667.00
2311	M2299	Pre Cast Slab 6'x1'	Each	817.00
2312	M2300	Pre Cast Slab 6' 6"x1'	Each	820.00
2313	M2301	Pre Cast Column 6" x 6 1/2"	Rft	362.00
2314	M2302	Pre Cast Column 8" x 9"	Rft	787.00
2315	M2303	Pre Cast Column 4" x 9"	Rft	220.00
2316	M2304	Pre Cast Plinth Beam	Rft	337.00
2317	M2305	Pre Cast Planks 2 x12 x 8	Rft	248.00
2318	M2306	Pre Cast Planks 2 x 8 x 8	Rft	159.00
2319	M2307	Pre Cast Color Strip 2 x 3 x 8	Rft	164.00
2320	M2308	Pre Cast Boundary wall cap (each)	Rft	330.00
2321	M2309	UPVC PIPE B 75 mm dia	RM	1,073.00
2322	M2310	UPVC Pipe B 100 mm dia	RM	1,621.00
2323	M2311	UPVC Pipe B 125 mm dia	RM	2,249.00
2324	M2312	UPVC Pipe B 150 mm dia	RM	3,174.00
2325	M2313	UPVC Pipe B 200 mm dia	RM	4,828.00
2326	M2314	UPVC Pipe B 250 mm dia	RM	8,229.00
2327	M2315	UPVC Pipe B 300 mm dia	RM	11,478.00
2328	M2316	UPVC Pipe B 350 mm dia	RM	13,619.00
2329	M2317	UPVC Pipe B 400 mm dia	RM	18,067.00
2330	M2318	UPVC Pipe B 450 mm dia	RM	22,214.00
2331	M2319	UPVC Pipe B 500 mm dia	RM	30,432.00
2332	M2320	UPVC Pipe B 550 mm dia	RM	36,816.00
2333	M2321	UPVC Pipe B 600 mm dia	RM	40,195.00
2334	M2322	UPVC Pipe C 75 mm dia	RM	1,503.00
2335	M2323	UPVC Pipe C 100 mm dia	RM	2,182.00
2336	M2324	UPVC Pipe C 125 mm dia	RM	3,572.00
2337	M2325	UPVC Pipe C 150 mm dia	RM	5,194.00
2338	M2326	UPVC Pipe C 200 mm dia	RM	7,829.00
2339	M2327	UPVC Pipe C 250 mm dia	RM	13,914.00
2340	M2328	UPVC Pipe C 300 mm dia	RM	20,190.00
2341	M2329	UPVC Pipe C 350 mm dia	RM	23,590.00
2342	M2330	UPVC Pipe C 400 mm dia	RM	36,370.00
2343	M2331	UPVC Pipe C 450 mm dia	RM	37,035.00
2344	M2332	UPVC Pipe C 500 mm dia	RM	38,752.00
2345	M2333	UPVC Pipe C 550 mm dia	RM	40,183.00
2346	M2334	UPVC Pipe C 600 mm dia	RM	42,185.00
2347	M2335	UPVC Pipe D 50 mm dia	RM	860.00
2348	M2336	UPVC Pipe D 75 mm dia	RM	1,457.00
2349	M2337	UPVC Pipe D 100 mm dia	RM	2,101.00
2350	M2338	UPVC Pipe D 125 mm dia	RM	3,486.00
2351	M2339	UPVC Pipe D 150 mm dia	RM	5,121.00
2352	M2340	UPVC Pipe D 200 mm dia	RM	7,822.00
2353	M2341	UPVC Pipe D 250 mm dia	RM	11,508.00
2354	M2342	UPVC Pipe D 300 mm dia	RM	19,743.00
2355	M2343	UPVC Pipe D 350 mm dia	RM	26,005.00
2356	M2344	UPVC Pipe D 400 mm dia	RM	30,921.00
2357	M2345	UPVC Pipe D 450 mm dia	RM	32,862.00
2358	M2346	UPVC Pipe D 500 mm dia	RM	36,900.00
2359	M2347	UPVC Pipe D 550 mm dia	RM	37,783.00
2360	M2348	UPVC Pipe D 600 mm dia	RM	40,240.00

S No.	New Code	Description	Unit	Rate (Rs.)
2361	M2349	UPVC Pipe E 50 mm dia	RM	1,063.00
2362	M2350	UPVC Pipe E 75 mm dia	RM	1,723.00
2363	M2351	UPVC Pipe E 100 mm dia	RM	2,686.00
2364	M2352	UPVC Pipe E 125 mm dia	RM	4,204.00
2365	M2353	UPVC Pipe E 150 mm dia	RM	7,953.00
2366	M2354	UPVC Pipe E 200 mm dia	RM	12,425.00
2367	M2355	UPVC Pipe E 250 mm dia	RM	21,601.00
2368	M2356	UPVC Pipe E 300 mm dia	RM	30,092.00
2369	M2357	UPVC Pipe E 350 mm dia	RM	36,796.00
2370	M2358	UPVC Pipe E 400 mm dia	RM	42,067.00
2371	M2359	UPVC Pipe E 450 mm dia	RM	45,640.00
2372	M2360	UPVC Pipe E 500 mm dia	RM	47,973.00
2373	M2361	UPVC Pipe E 550 mm dia	RM	49,267.00
2374	M2362	UPVC Pipe E 600 mm dia	RM	50,500.00
2375	M2363	Antimicrobial PN 20 Poly Pipe 20 mm	RM	180.00
2376	M2364	Antimicrobial PN 20 Poly Pipe 25 mm	RM	279.00
2377	M2365	Antimicrobial PN 20 Poly Pipe 32 mm	RM	480.00
2378	M2366	Antimicrobial PN 20 Poly Pipe 40 mm	RM	719.00
2379	M2367	Antimicrobial PN 20 Poly Pipe 50 mm	RM	1,116.00
2380	M2368	Antimicrobial PN 20 Poly Pipe 63 mm	RM	1,735.00
2381	M2369	Antimicrobial PN 20 Poly Pipe 75 mm	RM	2,375.00
2382	M2370	Antimicrobial PN 20 Poly Pipe 90 mm	RM	3,425.00
2383	M2371	Antimicrobial PN 20 Poly Pipe 110 mm	RM	5,180.00
2384	M2372	Donkey Pump 2900 RPM 0.5 HP	Each	9,500.00
2385	M2373	Donkey Pump 2900 RPM 1 HP	Each	19,800.00
2386	M2374	Donkey Pump 2900 RPM 2 HP	Each	22,500.00
2387	M2375	Polycarbonate Sheets 8 mm	Sqm	1,650.00
2388	M2376	Decorative Wood Composite Panels 5" Wide 1" Thick	RM	650.00
2389	M2377	Decorative Wood Composite Panels 4" Wide 0.5" Thick	RM	315.00
2390	M2378	Polyvinyl Chloride Wall Paneling	Sqm	790.00
2391	M2379	Hand Pump	Each	10,000.00
2392	M2380	Harsco Bag	Each	637.00
2393	M2381	Biometric Attendance Machine ZKT F7	Each	26,017.00
2394	M2382	Traffic Signal Head European	Each	82,067.00
2395	M2383	Traffic Signal Head Controller European	Each	132,333.00
2396	M2384	Traffic Signal Head Chines	Each	77,167.00
2397	M2385	Traffic Signal Head Controller Chines	Each	93,833.00
2398	M2386	LED Blub 3w	Each	320.00
2399	M2387	LED Blub 4w	Each	283.00
2400	M2388	LED Blub 6w	Each	348.00
2401	M2389	LED Blub 7w	Each	332.00
2402	M2390	LED Blub 9w	Each	440.00
2403	M2391	LED 9.5w 2in 1 colour	Each	475.00
2404	M2392	LED Blub 10.5w	Each	465.00
2405	M2393	LED Blub 13w	Each	500.00
2406	M2394	LED BLUB 16W	Each	1,067.00
2407	M2395	LED Blub 18w	Each	1,183.00
2408	M2396	LED Blub 19w	Each	1,367.00
2409	M2397	LED Blub 23w	Each	1,767.00
2410	M2398	LED 3.5w Down Light 2.5"	Each	833.00
2411	M2399	LED 5w Down Light 3"	Each	833.00
2412	M2400	LED 7w Down Light 3.5"	Each	793.00
2413	M2401	LED 9w Down Light 4"	Each	1,200.00
2414	M2402	GLOBE 11.5W	Each	963.00
2415	M2403	LED 5w SPOT Down Light 2.5"	Each	830.00
2416	M2404	LED 3w SPOT Down Light 2.5"	Each	700.00

S No.	New Code	Description	Unit	Rate (Rs.)
2417	M2405	CANDLE 4.25W E14	Each	460.00
2418	M2406	LED TMS 9w	Each	587.00
2419	M2407	LED TMS 18w	Each	1,767.00
2420	M2408	LED TUBE ROD 16w	Each	933.00
2421	M2409	LED TUBE ROD 8w	Each	833.00
2423	M2731	TCW 097/136 WITH EBE	Each	4,100.00
2425	M2733	LED Light	watt	300.00
2426	M2786	Break Water Stones (2 Tons) excluding Carriage	Each	5,000.00
2427	M2787	Break Water Stones (4 Tons) excluding Carriage	Each	9,000.00
2428	M2788	Break Water Stones (6 Tons) excluding Carriage	Each	13,000.00
2429	M2789	Break Water Stones (8 Tons) excluding Carriage	Each	16,000.00
2430	M2790	630 Kg/ 8 person capacity Lift	Each	1,330,000.00
2431	M2791	1000 Kg/ 13 person capacity Lift	Each	1,550,000.00
2432	M2792	Supply of Imported brand new passenger/patient Elevator Machine Room Less (MRL) heavy duty fully complied and certified by latest EN 81 Standards and for public use in buildings of minimum features including but not limited to VVVF high efficiency Motor complete Stainless Steel finish indoor type for ambient condition of 45 °C capacity of 1275 Kg/17 persons speed 1 m/sec 04Stops/04 openings total travel height 16 m entrance 1100mm. Lift shall minimum includes car hoisting machinery counter weight supports Brackets automatic controls embedded parts access ladder separator screen & Trap Door electric overload buzzer shaft Lightening intercom system gong emergency operation for cabin/Door emergency rescue device (ups/battery) safety devices Two (02) Years of defect liability period with spare parts for use of Two years complete in all respects as per specification and according to EN 81 standard compliance. (Also Refer to technical data Sheet)	Job	1,840,000.00
2433	M2793	Supply of Imported brand new passenger/patient Elevator Machine Room Less (MRL) heavy duty fully complied and certified by latest EN 81 Standards and for public use in buildings of minimum features including but not limited to VVVF high efficiency Motor complete Stainless Steel finish indoor type for ambient condition of 45 °C capacity of 1275 Kg/17 persons speed 1 m/sec 04Stops/04 openings total travel height 16 m entrance 1100mm. Lift shall minimum includes car hoisting machinery counter weight supports Brackets automatic controls embedded parts access ladder separator screen & Trap Door electric overload buzzer shaft Lightening intercom system gong emergency operation for cabin/Door emergency rescue device (ups/battery) safety devices Two (02) Years of defect liability period with spare parts for use of Two years complete in all respects as per specification and according to EN 81 standard compliance. (Also Refer to Technical data Sheet) including 17 % Sales Tax on Supply 5% Custom Duty 6% withholding tax & 2% other taxes		1,910,000.00

S No.	New Code	Description	Unit	Rate (Rs.)
2434	M2794	Supply of Imported brand new passenger/patient Elevator Machine Room Less (MRL) heavy duty fully complied and certified by latest EN 81 Standards and for public use in buildings of minimum features including but not limited to VVVF high efficiency Motor complete Stainless Steel finish indoor type for ambient condition of 45 °C capacity of 1600 Kg/21 persons speed 1 m/sec 04Stops/04 openings total travel height 16 m entrance 1300mm. Lift shall minimum includes car hoisting machinery counter weight supports Brackets automatic controls embedded parts access ladder separator screen & Trap Door electric overload buzzer shaft Lightening intercom system gong emergency operation for cabin/Door emergency rescue device (ups/battery) safety devices Two (02) Years of defect liability period with spare parts for Two years complete in all respects as per specification and according to EN 81 standard compliance. (Also Refer to Technical data Sheet) including 17 % Sales Tax on SupPly 5% Custom Duty 6% withholding tax & 2% other taxes		1,965,000.00
2435	M2795	Supply of Imported brand new passenger/patient Elevator Machine Room Less (MRL) heavy duty fully complied and certified by latest EN 81 Standards and for public use in buildings of minimum features including but not limited to VVVF high efficiency Motor complete Stainless Steel finish indoor type for ambient condition of 45 °C capacity of 2000 Kg/26 persons speed 1 m/sec 04Stops/04 openings total travel height 16 m entrance 1300mm. Lift shall minimum includes car hoisting machinery counter weight supports Brackets automatic controls embedded parts access ladder separator screen & Trap Door electric overload buzzer shaft Lightening intercom system gong emergency operation for cabin/Door emergency rescue device (ups/battery) safety devices Two (02) Years of defect liability period with spare parts for Two years complete in all respects as per specification and according to EN 81 standard compliance. (Also Refer to Technical data Sheet) including 17 % Sales Tax on Supply 5% Custom Duty 6% withholding tax & 2% other taxes	Job	2,011,667.00
2436	M2796	Double Glazed Windows with tinted tempered Glass	Sqm	2,267.00
2437	M2797	Installation testing & Commissioning of Lift	Lumpsum	1,340,000.00
2438	M2798	Civil and Allied Works relevant to necessary adjustments which will be required during installation of new equipment.	Lumpsum	616,667.00
2439	M2799	Electrical & Ancillary Works for elevators fans including outside DB breakers cabling and other accessories etc. (Complete in all respect).	Lumpsum	475,000.00
2440	M2800	Light Fixture Philips Type LED 13W	Each	726.00
2441	M2801	Light Fixture Philips Type LED 1smart panel (2x2) 36 W	Each	6,000.00
2442	M2802	Light Fixture Philips Type Decolonial LED 4 Feet	Each	2,500.00
2443	M2803	UPS 750 Watt	Each	30,000.00
2444	M2804	UPS 1000 Watt	Each	35,000.00
2445	M2805	UPS 1500 Watt	Each	41,167.00
2446	M2806	UPS 2000 Watt	Each	61,333.00

S No.	New Code	Description	Unit	Rate (Rs.)
2447	M2807	Fire resistance insulated 2 Core 1.5mm2 Cable	Rft	45.00
2448	M2808	Addressable break Glass manual call stations (Copper Menvier UK Honey well Gent or approved equivalent).	Each	5,500.00
2449	M2809	Addressable sounder and accessories (Copper Menvier UK Honey well Gent or approved equivalent).	Each	7,500.00
2450	M2810	Addressable Photo electric Smoke Detectors as approved by the engineer (Copper Menvier UK Honey well Gent or approved equivalent).	Each	3,400.00
2451	M2811	Addressable Heat Detectors as approved by the engineer (Copper Menvier UK Honey well Gent or approved equivalent).	Each	3,400.00
2452	M2812	Addressable Fire Alarm Control Panel as per project specified requirements (2 Loop) including backup battery complete with all installation accessories testing and commissioning (Copper Menvier UK Honey well Gent or approved equivalent).	Each	180,000.00
2453	M2813	Precast H Column 6"x7" upto 10'	Rft	473.00
2454	M2814	Precast H Column 6"x7" upto 12'	Rft	547.00
2455	M2815	Precast H Column 6"x7" upto 14'	Rft	517.00
2456	M2816	Precast H Column 6"x7" upto 16'	Rft	483.00
2457	M2817	Precast H Column 7"x7" upto 10'	Rft	443.00
2458	M2818	Precast H Column 7"x7" upto 12'	Rft	483.00
2459	M2819	Precast H Column 7"x7" upto 14'	Rft	517.00
2460	M2820	Precast H Column 7"x7" upto 16'	Rft	547.00
2461	M2821	Precast H Column 6"x8" upto 10'	Rft	445.00
2462	M2822	Precast H Column 6"x8" upto 12'	Rft	467.00
2463	M2823	Precast H Column 6"x8" upto 14'	Rft	540.00
2464	M2824	Precast H Column 6"x8" upto 16'	Rft	587.00
2465	M2825	Precast H Column 7"x8" upto 10'	Rft	540.00
2466	M2826	Precast H Column 7"x8" upto 12'	Rft	583.00
2467	M2827	Precast H Column 7"x8" upto 14'	Rft	640.00
2468	M2828	Precast H Column 7"x8" upto 16'	Rft	740.00
2469	M2829	Double Glazed Curtain wall in Structural works including 6mm Imported heat resistant Glass	Sqm	22,500.00
2470	M2830	Common Bath Set with noble hand Shower 009/1 010/3 025/1 027B/1 085/1 2015/1(3002)	Set	20,667.00
2471	M2836	Kira Set with wall Shower 009/1 010/3 042/1 043A/1 129/1 085/1 2015/1(3009A)	Set	46,000.00
2472	M2837	Iris Set with noble hand Shower 009/1 010/3 113/1 114/1 085/1 2015/1(3011)	Set	48,000.00
2473	M2838	Iris Set with wall Shower 009/1 010/3 113/1 114B/1 085/1 2015/1(3011A)	Set	50,000.00
2474	M2839	Pansy Set with noble hand Shower 009/1 010/3 117/1 118/1 085/1 2015/1(3012)	Set	47,000.00
2475	M2840	Pansy Set with wall Shower 009/1 010/3 117/1 118B/1 085/1 2015/1(3012A)	Set	35,000.00
2476	M2841	Jazz Set with noble hand Shower 009/1 010/3 125/1 126/1 085/1 2015/1(3013)	Set	1,533.00
2477	M2842	Jazz Set with wall Shower 009/1 010/3 125/1 126B/1 085/1 2015/1(3013A)	Set	1,750.00
2478	M2843	Caper Set with caper hand Shower 119/1 120/1 122/3 123/1 2015/1(3015)	Set	2,017.00
2479	M2844	Caper Set with caper wall Shower 119/1 121/1 122/3 123/1 2015/1(3015A)	Set	2,283.00
2480	M2845	Victoria Set with noble hand Shower 034/1 038/1 067/3 069/1 085/1 2015/1(3017)	Set	2,770.00

S No.	New Code	Description	Unit	Rate (Rs.)
2481	M2846	Victoria Set with wall Shower 034/1 038B/1 067/3 069/1 085/1 2015/1(3017A)	Set	3,050.00
2482	M2847	Regal Set with noble hand Shower 035/1 039/1 068/3 070/1 085/1 2015/1(3018)	Set	3,483.00
2483	M2848	Regal Set with wall Shower 035/1 039B/1 068/3 070/1 085/1 2015/1(3018A)	Set	4,200.00
2484	M2849	Elite Set with Elite hand Shower 071/1 073/1 075/3 077/1 085/1 2015/1(3019)	Set	1,000.00
2485	M2850	Elite Set with Elite wall Shower 071/1 073B/1 075/3 077/1 085/1 2015/1(3019A)	Set	1,233.00
2486	M2851	Lexus Set with Elite hand Shower 072/1 074/1 076/3 078/1 085/1 2015/1(3020)	Set	1,433.00
2487	M2852	Lexus Set with Elite wall Shower 072/1 074B/1 076/3 078/1 085/1 2015/1(3020A)	Set	1,633.00
2488	M2853	Delta Set with noble hand Shower 040/1 041/1 010/3 009/1 085/1 2015/1(3023)	Set	1,833.00
2489	M2854	Delta Set with wall Shower 040/1 041B/1 010/3 009/1 085/1 2015/1(3023A)	Set	1,950.00
2490	M2855	Tempo Set with noble hand Shower 133/1 134/1 068/3 070/1 085/1 2015/1(3025)	Set	2,067.00
2491	M2856	Tempo Set with wall Shower 133/1 134B/1 068/3 070/1 085/1 2015/1(3025A)	Set	2,533.00
2492	M2929	Gutka (3"x3"x9")	Each	25.00
2493	M2930	Gutka (2"x2"x9")	Each	20.00
2494	M2931	Bus bar (6 to 10 Ampere)	Each	1,150.00
2495	M2932	Circuit Breaker 6 Ampere	Each	1,000.00
2496	M2933	Gas Hub with 3 burners	Each	16,500.00
2497	M2934	Gas Hub with 5 Burner (SMC)	Each	22,000.00
2498	M2935	G.I Razor Wire	Rft	550.00
2499	M2936	Pile load Test (50)	Job	250,000.00
2500	M2937	Pile load Test (50 100)	Job	320,000.00
2501	M2938	Pile load Test (100 150)	Job	400,000.00
2502	M2939	Pile load Test (150 200)	Job	450,000.00
2503	M2940	Steel Casing of Piles/Piers	Ton	270,000.00
2504	M2941	Precast Water Channel (PCPL) (14 x 9)	Each	1,520.00
2505	M2942	Precast Water Channel (PCPL) (18 x 12)	Each	1,900.00
2506	M2943	Precast Water Channel (PCPL) (24 x 14)	Each	2,200.00
2507	M2944	Precast Water Channel (PCPL) (24 x 18)	Each	3,000.00
2508	M2945	Precast Water Channel (PCPL) (27 x 18)	Each	3,100.00
2509	M2946	Precast Water Channel (PCPL) (30 x 21)	Each	4,300.00
2510	M2947	Precast Water Channel (PCPL) (36 x 24)	Each	5,280.00
2511	M2948	Precast Water Channel (PCPL) (45 x 27)	Each	5,700.00
2512	M2949	Installation Precast Water Channel (PCPL) (14 x 9)	Each	1,030.00
2513	M2950	Installation Precast Water Channel (PCPL) (18 x 12)	Each	1,000.00
2514	M2951	Installation Precast Water Channel (PCPL) (24 x 14)	Each	1,156.00
2515	M2952	Installation Precast Water Channel (PCPL) (24 x 18)	Each	1,205.00
2516	M2953	Installation Precast Water Channel (PCPL) (27 x 18)	Each	1,850.00
2517	M2954	Installation Precast Water Channel (PCPL) (30 x 21)	Each	1,900.00
2518	M2955	Installation Precast Water Channel (PCPL) (36 x 24)	Each	2,010.00
2519	M2956	Installation Precast Water Channel (PCPL) (45 x 27)	Each	1,750.00
2520	M2957	Concrete Cover along with Frame 16"	Each	10,067.00
2521	M2958	Concrete Cover along with Frame 18"	Each	11,567.00
2522	M2959	Concrete Cover along with Frame 20"	Each	13,667.00
2523	M2960	Elastomeric Bearing Pads (According to Size and Thickness) local	Cu.cm	11.00

S No.	New Code	Description	Unit	Rate (Rs.)
2524	M2961	Elastomeric Bearing Pads (According to Size and Thickness) Imported	Cu.cm	21.00
2525	M2962	Steel or Metal Bearing Devices	Kg	623.00
2526	M2963	Gadab Stone	Sqm	3,267.00
2527	M2964	Zhob Stone	Sqm	1,850.00
2528	M2965	Double glazed wall cladding	Sqm	26,667.00
2529	M2966	All in one Solar Street Light	per watt	5,150.00
2530	M2967	Base Dia= 190mm Top Dia= 90mm Thickness = 4.50mm 7 Meter (Shaft 'L' = 7000mm) High Pole Hot Dip Galvanized as per given specification. Shaft 'L' = 7000mm Arm Dia= 60mm x 3.65mm Arm Length =1000mm Base Plate = 400 x 400 x 20mm Thk. Stiffener = 75 x200 x 16mm Thk. Weight of Pole = 160 170 Kg Coating of Hot Dip Galvanized along with Galvanized Iron side arm for Lighting fixture.	Each	110,000.00
2531	M2968	DC Wire 2.5 mm2 multi strand (Cables) for Solar panel battery and charge controller.	Rm	980.00
2532	M2969	Galvanized Iron PVC coated flexible Solar Street Light Pipe for	Rm	390.00
2533	M2970	Solar Lights Minor Civil Works	Each	1,000.00
2534	M2971	Solar Street Lights Transportation installation Testing and commissioning	Each	3,500.00
2535	M2972	DC Fans 12 V (15 20 W) ON OFF Switches	Each	7,500.00
2536	M2973	USB DC Mobile Phone Charger	Each	700.00
2537	M2974	Door Frame molded Steel 14" size	Rft	1,050.00
2538	M2975	PVC Flexible Pipe 1"	Rft	35.00
2539	M2976	PVC Flexible Pipe 1.25"	Rft	50.00
2540	M2977	PVC Flexible Pipe with GI Wire1"	Rft	95.00
2541	M2978	PVC Flexible Pipe with GI Wire 1.25"	Rft	120.00
2542	M2979	DC LED Light Blub 12V 5w	Each	980.00
2543	M2980	GI Pole	Kg	618.00
2544	M2981	Plastic Electric Exhaust Fan 8"	Each	3,833.00
2545	M2982	Plastic Electric Exhaust Fan 6"	Each	2,667.00
2546	M2983	Plastic Electric Exhaust Fan 18"	Each	5,267.00
2547	M2984	Full DC Invertor 1 ton	Each	126,667.00
2548	M2985	Full DC Invertor 1.5 ton	Each	155,000.00
2549	M2986	Full DC Invertor 2 ton	Each	191,667.00
2550	M2987	Full DC Invertor 2.5 ton	Each	260,000.00
2551	M2988	Full DC Invertor 3 ton	Each	295,000.00
2552	M2989	Full DC Invertor 4 ton	Each	455,000.00
2553	M2990	Full DC Invertor 5 ton	Each	603,333.00
2554	M3009	DC Circuit Breaker Single Pole 10 Ampere	Each	1,233.00
2555	M3010	DC Circuit Breaker Single Pole 16 Ampere	Each	1,233.00
2556	M3011	DC Circuit Breaker Single Pole 20 Ampere	Each	1,233.00
2557	M3012	DC Circuit Breaker Single Pole 25 Ampere	Each	1,233.00
2558	M3013	DC Circuit Breaker Single Pole 32 Ampere	Each	1,233.00
2559	M3014	DC Circuit Breaker Single Pole 40 Ampere	Each	1,233.00
2560	M3015	DC Circuit Breaker Single Pole 50 Ampere	Each	1,233.00
2561	M3016	DC Circuit Breaker Single Pole 63 Ampere	Each	1,233.00
2562	M3017	DC Circuit Breaker 2 Pole 10 Ampere	Each	2,083.00
2563	M3018	DC Circuit Breaker 2 Pole 16 Ampere	Each	2,083.00
2564	M3019	DC Circuit Breaker 2 Pole 20 Ampere	Each	2,083.00
2565	M3020	DC Circuit Breaker 2 Pole 25 Ampere	Each	2,083.00
2566	M3021	DC Circuit Breaker 2 Pole 32 Ampere	Each	2,083.00
2567	M3022	DC Circuit Breaker 2 Pole 40 Ampere	Each	2,250.00
2568	M3023	DC Circuit Breaker 2 Pole 50 Ampere	Each	2,250.00

S No.	New Code	Description	Unit	Rate (Rs.)
2569	M3024	DC Circuit Breaker 2 Pole 63 Ampere	Each	2,250.00
2570	M3025	DC Circuit Breaker 3 Pole 10 Ampere	Each	3,567.00
2571	M3026	DC Circuit Breaker 3 Pole 16 Ampere	Each	3,567.00
2572	M3027	DC Circuit Breaker 3 Pole 20 Ampere	Each	3,567.00
2573	M3028	DC Circuit Breaker 3 Pole 25 Ampere	Each	3,567.00
2574	M3029	DC Circuit Breaker 3 Pole 32 Ampere	Each	3,567.00
2575	M3030	DC Circuit Breaker 3 Pole 40 Ampere	Each	3,567.00
2576	M3031	DC Circuit Breaker 3 Pole 50 Ampere	Each	3,567.00
2577	M3032	DC Circuit Breaker 3 Pole 63 Ampere	Each	3,567.00
2578	M3033	DC Circuit Breaker 4 Pole 10 Ampere	Each	5,217.00
2579	M3034	DC Circuit Breaker 4 Pole 16 Ampere	Each	5,217.00
2580	M3035	DC Circuit Breaker 4 Pole 20 Ampere	Each	5,217.00
2581	M3036	DC Circuit Breaker 4 Pole 25 Ampere	Each	5,217.00
2582	M3037	DC Circuit Breaker 4 Pole 32 Ampere	Each	5,217.00
2583	M3038	DC Circuit Breaker 4 Pole 40 Ampere	Each	5,383.00
2584	M3039	DC Circuit Breaker 4 Pole 50 Ampere	Each	5,383.00
2585	M3040	DC Circuit Breaker 4 Pole 63 Ampere	Each	5,383.00
2586	M3041	AC Circuit Breaker Single Pole 10 Ampere	Each	740.00
2587	M3042	AC Circuit Breaker Single Pole 16 Ampere	Each	740.00
2588	M3043	AC Circuit Breaker Single Pole 20 Ampere	Each	740.00
2589	M3044	AC Circuit Breaker Single Pole 25 Ampere	Each	740.00
2590	M3045	AC Circuit Breaker Single Pole 32 Ampere	Each	740.00
2591	M3046	AC Circuit Breaker Single Pole 40 Ampere	Each	740.00
2592	M3047	AC Circuit Breaker Single Pole 50 Ampere	Each	740.00
2593	M3048	AC Circuit Breaker Single Pole 63 Ampere	Each	740.00
2594	M3049	AC Circuit Breaker 2 Pole 10 Ampere	Each	1,707.00
2595	M3050	AC Circuit Breaker 2 Pole 16 Ampere	Each	1,707.00
2596	M3051	AC Circuit Breaker 2 Pole 20 Ampere	Each	1,707.00
2597	M3052	AC Circuit Breaker 2 Pole 25 Ampere	Each	1,707.00
2598	M3053	AC Circuit Breaker 2 Pole 32 Ampere	Each	1,707.00
2599	M3054	AC Circuit Breaker 2 Pole 40 Ampere	Each	1,707.00
2600	M3055	AC Circuit Breaker 2 Pole 50 Ampere	Each	2,140.00
2601	M3056	AC Circuit Breaker 2 Pole 63 Ampere	Each	2,140.00
2602	M3057	AC Circuit Breaker 3 Pole 10 Ampere	Each	2,883.00
2603	M3058	AC Circuit Breaker 3 Pole 16 Ampere	Each	2,883.00
2604	M3059	AC Circuit Breaker 3 Pole 20 Ampere	Each	2,883.00
2605	M3060	AC Circuit Breaker 3 Pole 25 Ampere	Each	2,883.00
2606	M3061	AC Circuit Breaker 3 Pole 32 Ampere	Each	2,883.00
2607	M3062	AC Circuit Breaker 3 Pole 40 Ampere	Each	2,883.00
2608	M3063	AC Circuit Breaker 3 Pole 50 Ampere	Each	3,550.00
2609	M3064	AC Circuit Breaker 3 Pole 63 Ampere	Each	3,550.00
2610	M3065	AC Circuit Breaker 4 Pole 10 Ampere	Each	4,023.00
2611	M3066	AC Circuit Breaker 4 Pole 16 Ampere	Each	4,023.00
2612	M3067	AC Circuit Breaker 4 Pole 20 Ampere	Each	4,023.00
2613	M3068	AC Circuit Breaker 4 Pole 25 Ampere	Each	4,023.00
2614	M3069	AC Circuit Breaker 4 Pole 32 Ampere	Each	4,023.00
2615	M3070	AC Circuit Breaker 4 Pole 40 Ampere	Each	4,023.00
2616	M3071	AC Circuit Breaker 4 Pole 50 Ampere	Each	4,357.00
2617	M3072	AC Circuit Breaker 4 Pole 63 Ampere	Each	4,357.00
2618	M3073	AC Circuit Breaker 4 Pole 70 100 Ampere (70KV)	Each	11,000.00
2619	M3074	AC Circuit Breaker 4 Pole 100 160 Ampere (70KV)	Each	13,167.00
2620	M3075	AC Circuit Breaker 4 Pole 160 250 Ampere (70KV)	Each	18,300.00
2621	M3076	AC Circuit Breaker 4 Pole 320 400 Ampere (70KV)	Each	25,000.00
2622	M3077	AC Circuit Breaker 4 Pole 500 630 Ampere (70KV)	Each	30,000.00
2623	M3078	AC Circuit Breaker 4 Pole 400 800 Ampere (70KV)	Each	35,000.00
2624	M3079	AC Circuit Breaker 4 Pole 800 1000 Ampere (70KV)	Each	45,000.00

S No.	New Code	Description	Unit	Rate (Rs.)
2625	M3080	AC Circuit Breaker 4 Pole 1000 1250 Ampere (70KV)	Each	60,000.00
2626	M3081	2 V Cell 1000 AH =&+1000 Cycles (for Solar System Only)	Each	45,000.00
2627	M3082	Solar Pump Controller per Watt	Watt	22.00
2628	M3083	Solar DC Pumps 0.5 HP	Each	25,000.00
2629	M3084	Solar DC Pumps 1 HP	Each	36,000.00
2630	M3085	Solar DC Pumps 2 HP	Each	50,000.00
2631	M3086	Solar DC Pumps 3 HP	Each	70,000.00
2632	M3087	Batteries Maintenance Free 12 V 1000 Cycles	Each	45,000.00
2633	M3088	Batteries Maintenance Free 12 V 1200 Cycles	Each	60,000.00
2634	M3089	Batteries Maintenance Free 12 V 1500 Cycles	Each	78,000.00
2635	M3090	Batteries Maintenance Free 12 V 2000 Cycles	Each	90,000.00
2636	M3091	Charge Controller for Solar System (Schneider 3KVA)	Each	90,000.00
2637	M3092	Charge Controller for Solar System (Schneider 5KVA)	Each	125,000.00
2638	M3093	Muslim Shower CR (Complete Set including Pipe)	Each	2,183.00
2639	M3094	Water Closet Shower Colour (Complete Set including Pipe)	Each	2,133.00
2640	M3095	Water Closet Shower CR (Without Pipe)	Each	940.00
2641	M3096	Water Closet Shower Colour (Without Set Pipe)	Each	973.00
2642	M3097	Carpet (Plain Machine Made)	Sft	91.00
2643	M3098	Korean Fence	Sqm	467.00
2644	M3099	Dhaka Fence	Sqm	413.00
2645	M3100	Bitumen 40/50	Kg	160.00
2646	M3101	Surge Protector (40 KVA) 3 Pole	Each	57,000.00
2647	M3102	Surge Protector (40 KVA) 4 Pole	Each	62,333.00
2648	M3103	Remote Online System Monitoring Device	Each	320,000.00
2649	M3104	System Control Panel (SCP)	Each	50,000.00
2650	M3105	Expansion Joints with one Component Polyurethane Fuel Resistant Sealant including 40 mm Baker rod and One coat of Primer 1.5" x 3/4 "	RM	1,677.00
2651	M3106	Expansion Joints with one Component Polyurethane Fuel Resistant Sealant including 50 mm Baker rod and One coat of Primer 2.0" x 1 "	RM	2,867.00
2652	M3107	KSB Deep Well Turbine Pump Flanged Type DWT B8B / 8 Stages + 15 HP / 4P Motor	Each	1,200,000.00
2653	M3108	KSB Deep Well Turbine Pump Flanged Type DWT B8B / 10 Stages + 20 HP / 4P Motor	Each	1,375,000.00
2654	M3109	KSB Deep Well Turbine Pump Flanged Type DWT B10B / 5 Stages + 30 HP / 4P Motor	Each	1,650,000.00
2655	M3110	KSB Deep Well Turbine Pump Flanged Type DWT B10B / 5 Stages + 30 HP / 4P Motor	Each	1,720,000.00
2656	M3111	Supply of KSB Deep Well Turbine Pump Flanged Type DWT B8B / 14 Stages + 30 HP / 4P Motor	Each	1,841,667.00
2657	M3112	Supply of KSB Deep Well Turbine Pump Flanged Type DWT B8B / 14 Stages + 30 HP / 4P Motor	Each	1,841,667.00
2658	M3113	Supply of KSB Deep Well Turbine Pump Flanged Type DWT B10B / 10 Stages + 60 HP / 4P Motor	Each	2,893,333.00
2659	M3114	Supply of KSB Deep Well Turbine Pump Flanged Type DWT B10D / 7 Stages +50 HP / 4P Motor	Each	2,443,333.00
2660	M3115	KSB Deep Well Turbine Pump Flanged Type DWT B10B / 8 Stages + 40 HP / 4P Motor	Each	2,191,667.00
2661	M3116	Deep Well Turbine Pump Flanged Type / 14 Stages + 30 HP / 4P Motor	Each	1,753,333.00
2662	M3117	Deep Well Turbine Pump Flanged Type / 4 Stages + 60 HP / 4P Motor	Each	2,800,000.00

S No.	New Code	Description	Unit	Rate (Rs.)
2663	M3118	Submersible Pump with Minimum Flow rate of 40 m3/h Head of 90 m and Setting Depth of 60 m 9 Stages + 25HP / 2P Motor	Each	2,250,000.00
2664	M3119	Submersible Pump with Minimum Flow rate of 40 m3/h Head of 107 m and Setting Depth of 60 m 10 Stages + 30HP / 2P Motor	Each	2,350,000.00
2665	M3120	Submersible Pump with Minimum Flow rate of 85 m3/h Head of 97 m and Setting Depth of 60 m 6 Stages + 50 HP / 2P Motor	Each	2,650,000.00
2666	M3121	Starter Switch 10 HP	Each	31,300.00
2667	M3122	Starter Switch 15 HP	Each	31,400.00
2668	M3123	Starter Switch 20 HP	Each	35,417.00
2669	M3124	Starter Switch 25 HP	Each	35,417.00
2670	M3125	Starter Switch 30 HP	Each	46,000.00
2671	M3126	Starter Switch 40 HP	Each	62,767.00
2672	M3127	Starter Switch 60 HP	Each	83,500.00
2673	M3128	Water Boiler 100 Gallon	Each	133,000.00
2674	M3129	Aluminum Louvers 50 mm in Depth and 1.3 mm thick	Sqm	13,450.00
2675	M3130	Tempered Glass 12 mm	Sqm	7,687.00
2676	M3131	Tempered Glass 5 mm	Sqm	3,549.00
2677	M3132	Grease Trap	Each	2,617.00
2678	M3133	Grease Trap1	Each	977.00
2679	M3134	SS Handle 18 "	Set	3,000.00
2680	M3135	Aluminum Bottom Rail 3" wide	RM	1,150.00
2681	M3136	DC Single Core Cable 1.5 mm2	RM	42.00
2682	M3137	2.5 mm2 DC Single Core Cable 2.5 mm2	RM	46.00
2683	M3138	Graphic Paints	Sft	80.00
2684	M3139	Movable Structure For Solar Panels	per Watt	45.00
2685	M3140	Reflectors for Guard Rail	Each	250.00
2686	M3141	Three Star Rating Fan 56"	Each	4,150.00
2687	M3142	Nakka Structure (12")	Each	617.00
2688	M3143	Nakka Structure (15")	Each	803.00
2689	M3144	Nakka Structure (18")	Each	1,000.00
2690	M3145	Nakka Structure (20")	Each	1,497.00
2691	M3146	Nakka Structure (24")	Each	2,000.00
2692	M3147	Geo textile	Sqm	160.00
2693	M3148	Wall Bracket for Split type AC units	Each	1,550.00
2694	M3149	Coper Pipe for Split type AC units	RM	1,225.00
2695	M3150	Corian (Plain)	Sqm	9,145.00
2696	M3151	Corian (TextuRed)	Sqm	12,700.00
2697	M3152	PVC wall Paneling 9" Wide and 10 ft length	RM	1,225.00
2698	M3153	Porcelain Tile Glazed/Matt (Prime Quality) Base Rate	Sqm	2,250.00
2699	M3154	High Polymer Modified Quickset Tile Adhesive	Kg	50.00
2700	M3155	2 V Cell 1000 AH 600=&+ Cycles (for Solar System Only)	100 AH	48,000.00
2701	M3156	Batteries Maintenance Free Li ion (PO4)	100 AH	100,000.00
2702	M3157	Batteries Maintenance Free 12 V GEL 1000+=	100 AH	35,000.00
2703	M3158	Batteries Maintenance Free 12 V GEL 600	100 AH	25,000.00
2704	M3159	Batteries Maintenance Free 12 V AGM 1000+=	100 AH	75,000.00
2705	M3160	Batteries Maintenance Free 12 V AGM 600+=	100 AH	55,000.00
2706	M3161	DC LED Light Blub 12V 10w	Each	1,250.00
2707	M3162	Street Electric Pole	Kg	270.00
2708	M3163	Solar Submersible Pump Set 4HP	Each	100,000.00
2709	M3164	Solar Submersible Pump Set 5HP	Each	135,000.00
2710	M3165	Solar Submersible Pump Set 6 HP	Each	150,000.00
2711	M3166	Solar Submersible Pump Set 7.5HP	Each	170,000.00
2712	M3167	Solar Submersible Pump Set 10HP	Each	210,000.00

S No.	New Code	Description	Unit	Rate (Rs.)
2713	M3168	Solar Submersible Pump Set 12.5 HP	Each	220,000.00
2714	M3169	Solar Submersible Pump Set 15 HP	Each	230,000.00
2715	M3170	Solar Submersible Pump Set 17.5 HP	Each	247,000.00
2716	M3171	Solar Submersible Pump Set 20 HP	Each	295,000.00
2717	M3172	Solar Submersible Pump Set 25 HP	Each	320,000.00
2718	M3173	Solar Submersible Pump Set 30 HP	Each	370,000.00
2719	M3174	Solar Submersible Pump Set 40 HP	Each	430,000.00
2720	M3175	Solar Pump Controller	Per Watt	15.00
2721	M3176	Clipsal Switch 1 Gang	Each	450.00
2722	M3177	Clipsal Switch 2 Gang	Each	565.00
2723	M3178	Clipsal Switch 3 Gang	Each	707.00
2724	M3179	Clipsal Switch 4 Gang	Each	957.00
2725	M3180	Clipsal Switch 5 Gang	Each	617.00
2726	M3181	Clipsal Switch 6 Gang	Each	742.00
2727	M3182	Clipsal Fan Regulator	Each	2,093.00
2728	M3183	Clipsal Switch 2 way	Each	937.00
2729	M4000	MS Tabular pole 31 FT Length with 20ft (6" dia) x 5.5ft (5" dia) x 5.5ft (4" dia) 18 SWG thick with base plate 1.8"x1.8"x¾" with 4 no's holes.	each	95,000.00
2730	M4001	Cage for pole length of bolts 6½ (¾ dia) 4 no's rings ¼" dia round bar	each	12,500.00
2731	M4002	MS Tabular pole 40 FT Length with size 20ft (6" dia) x 10ft (5" dia) x 10ft (4" dia) 18 SWG thick with base plate 1.8"x1.8"x¾" with 4 no's holes.	each	105,000.00
2732	M4003	Cage for pole length of bolts 7½ (1 dia) 6 no's rings ¼" dia round bar.	each	14,000.00
2733	M4004	Octagonal pole 50ft Length with 6" top & bottom 24", base plate 32" x 32" x 1".	each	200,000.00
2734	M4005	Hexagonal pole 40ft Length with 4" top & bottom 12", base plate 24" x 24" x 1".	each	155,000.00
2735	M4006	Tabular pole 31ft Length with 20ft (6" dia) x 5.5" (5" dia) x 5.5" (4" dia), base plate 16"x16"x¾".	each	140,000.00
2736	M4007	a) G.I. single arm bracket 5' long 2" dia. Standard with paint	each	4,000.00
2737	M4008	b) G.I. single arm bracket 7' long 2" dia. Standard with paint	each	5,500.00
2738	M4009	c) G.I. single arm bracket 5' long 2" dia with 5" dia 1' long canopy.	each	8,500.00
2739	M4010	d) G.I. single arm bracket 7' long 2" dia with 5" dia 1' long canopy.	each	10,000.00
2740	M4011	e) G.I. double arm bracket 5' long 2" dia.	each	7,000.00
2741	M4012	f) G.I. double arm bracket 7' long 2" dia.	each	8,000.00
2742	M4013	g) G.I. double arm bracket 5' long 2" dia with 5" dia 1' long canopy.	each	12,000.00
2743	M4014	h) G.I. double arm bracket 7' long 2" dia with 5" dia 1' long canopy.	each	13,000.00
2744	M4015	i) Angle iron bracket in Square shape for 3 to 4 no's flood lights.	each	4,000.00
2745	M4016	j) Angle iron bracket in hexagonal shape for 5 to 6 no's flood lights.	each	5,500.00
2746	M4017	k) G.I. pipe bracket in Hexagonal shape for 6 no's street lights.	each	2,500.00
2747	M4018	l) Junction box in size 10" x 8" x 5".	each	2,500.00
2748	M4019	m) Junction box in size 8" x 6" x 4".	each	2,000.00
2749	M4020	shuttring	Cum	30.00
2750	M4021	Scaffolding	Cum	10.00

S No.	New Code	Description	Unit	Rate (Rs.)
2751	M5282	Off Grid Hybrid inverter	<i>Watt</i>	55.00
2752	M5283	On Grid Hybrid inverter	<i>Watt</i>	80.00
2753	M5284	GRID TIE INVERTER (ON-Grid Inverter) (0-10 KW)	<i>Watt</i>	83.00
2754	M5285	GRID TIE INVERTER (ON-Grid Inverter) (10-20 KW)	<i>Watt</i>	70.00
2755	M5286	GRID TIE INVERTER (ON-Grid Inverter) (20-30 KW)	<i>Watt</i>	65.00
2756	M5287	GRID TIE INVERTER (ON-Grid Inverter) (above 30 KW)	<i>Watt</i>	60.00
2757	M5288	Electric/DC cable Single Core 1.5 sq.mm ²	<i>R.M</i>	180.00
2758	M5289	Electric/DC cable Single Core 2.5 sq.mm ²	<i>R.M</i>	240.00
2759	M5290	Electric/DC cable Single Core 4 sq.mm ²	<i>R.M</i>	360.00
2760	M5291	Electric/DC cable Single Core 6 sq.mm ²	<i>R.M</i>	201.00
2761	M5292	Electric/DC cable Single Core 10 sq.mm ²	<i>R.M</i>	335.00
2762	M5293	Electric/DC cable Single Core 16 sq.mm ²	<i>R.M</i>	518.00
2763	M5294	Electric/DC cable Single Core 25 sq.mm ²	<i>R.M</i>	723.00
2764	M5295	Electric/DC cable Single Core 35 sq.mm ²	<i>R.M</i>	1,000.00
2765	M5296	Electric/DC cable Two Core 6 sq.mm ²	<i>R.M</i>	680.00
2766	M5297	Electric/DC cable Two Core 10 sq.mm ²	<i>R.M</i>	1,060.00
2767	M5298	Electric/DC cable Two Core 16 sq.mm ²	<i>R.M</i>	2,000.00
2768	M5299	Electric/DC cable Two Core 25 sq.mm ²	<i>R.M</i>	2,572.00
2769	M5300	Electric/DC cable Two Core 35 sq.mm ²	<i>R.M</i>	3,538.00
2770	M5301	Electric/DC cable Three Core 6 sq.mm ²	<i>R.M</i>	565.00
2771	M5302	Electric/DC cable Three Core 10 sq.mm ²	<i>R.M</i>	1,250.00
2772	M5303	Electric/DC cable Three Core 16 sq.mm ²	<i>R.M</i>	1,800.00
2773	M5304	Electric/DC cable Three Core 25 sq.mm ²	<i>R.M</i>	2,280.00
2774	M5305	Electric/DC cable Three Core 35 sq.mm ²	<i>R.M</i>	3,146.00
2775	M5306	Electric/DC cable Four Core 6 sq.mm ²	<i>R.M</i>	1,000.00
2776	M5307	Electric/DC cable Four Core 10 sq.mm ²	<i>R.M</i>	1,450.00
2777	M5308	Electric/DC cable Four Core 16 sq.mm ²	<i>R.M</i>	2,200.00
2778	M5309	Electric/DC cable Four Core 25 sq.mm ²	<i>R.M</i>	3,025.00
2779	M5310	Electric/DC cable Four Core 35 sq.mm ²	<i>R.M</i>	4,160.00
2780	M5027	Raber Sluice Valve/ Resilient Raber Gate Valve 6"	<i>Each</i>	38,000.00
2781	M5028	Raber Sluice Valve/ Resilient Raber Gate Valve 8"	<i>Each</i>	66,000.00
2782	M5117	Raber Sluice Valve/ Resilient Raber Gate Valve 10"	<i>Each</i>	115,000.00
2783	M5118	Raber Sluice Valve/ Resilient Raber Gate Valve 12"	<i>Each</i>	148,000.00
2784	M5119	Raber Sluice Valve/ Resilient Raber Gate Valve 14"	<i>Each</i>	185,000.00
2785	M5120	Raber Sluice Valve/ Resilient Raber Gate Valve 16"	<i>Each</i>	232,500.00
2786	M5121	Raber Sluice Valve/ Resilient Raber Gate Valve 18"	<i>Each</i>	290,000.00
2787	M5122	Raber Sluice Valve/ Resilient Raber Gate Valve 20"	<i>Each</i>	470,000.00
2788	M5123	Raber Sluice Valve/ Resilient Raber Gate Valve 24"	<i>Each</i>	580,000.00
2789	M5029	Ductile iron Gate/ Sluice Value 3" dia	<i>Each</i>	13,500.00
2790	M5030	Ductile iron Gate/ Sluice Value 4" dia	<i>Each</i>	17,000.00
2791	M5031	Ductile iron Gate/ Sluice Value 6" dia	<i>Each</i>	31,000.00
2792	M5032	Ductile iron Gate/ Sluice Value 8" dia	<i>Each</i>	49,000.00
2793	M5033	Ductile iron Gate/ Sluice Value 10" dia	<i>Each</i>	62,000.00
2794	M5034	Ductile iron Gate/ Sluice Value 12" dia	<i>Each</i>	76,000.00
2795	M5035	Ductile iron Gate/ Sluice Value 14" dia	<i>Each</i>	120,000.00
2796	M5036	Ductile iron Gate/ Sluice Value 16" dia	<i>Each</i>	140,000.00
2797	M5037	Ductile iron Gate/ Sluice Value 18" dia	<i>Each</i>	190,000.00
2798	M5038	Ductile iron Gate/ Sluice Value 20" dia	<i>Each</i>	260,000.00
2799	M5039	Ductile iron Gate/ Sluice Value 24" dia	<i>Each</i>	425,000.00
2800	M5040	Electric Motor 2 POLE (2950 RPM) , 1 Hp	<i>Each</i>	57,900.00
2801	M5041	Electric Motor 2 POLE (2950 RPM) , 2 Hp	<i>Each</i>	72,900.00
2802	M5042	Electric Motor 2 POLE (2950 RPM) , 3 Hp	<i>Each</i>	92,900.00

S No.	New Code	Description	Unit	Rate (Rs.)
2803	M5043	Electric Motor 2 POLE (2950 RPM) ,5.5 Hp	Each	137,900.00
2804	M5044	Electric Motor 2 POLE (2950 RPM) , 7.5 Hp	Each	180,000.00
2805	M5045	Electric Motor 2 POLE (2950 RPM) , 10 Hp	Each	230,200.00
2806	M5046	Electric Motor 2 POLE (2950 RPM) ,15 Hp	Each	318,700.00
2807	M5047	Electric Motor 2 POLE (2950 RPM) , 20 Hp	Each	415,800.00
2808	M5048	Electric Motor 2 POLE (2950 RPM) , 25 Hp	Each	478,600.00
2809	M5049	Electric Motor 2 POLE (2950 RPM) ,30 Hp	Each	598,600.00
2810	M5050	Electric Motor 2 POLE (2950 RPM) ,40 Hp	Each	759,200.00
2811	M5051	Electric Motor 2 POLE (2950 RPM) , 50 Hp	Each	988,800.00
2812	M5052	Electric Motor 2 POLE (2950 RPM) , 60 Hp	Each	1,158,000.00
2813	M5053	Electric Motor 2 POLE (2950 RPM) , 75 Hp	Each	1,512,600.00
2814	M5054	Electric Motor 2 POLE (2950 RPM) ,100 Hp	Each	2,076,000.00
2815	M5055	Electric Motor 2 POLE (2950 RPM) , 120 Hp	Each	2,480,500.00
2816	M5056	Electric Motor 2 POLE (2950 RPM) , 147 Hp	Each	2,841,700.00
2817	M5057	Electric Motor 2 POLE (2950 RPM) , 177 Hp	Each	3,386,600.00
2818	M5058	Electric Motor 2 POLE (2950 RPM) , 215 Hp	Each	4,169,800.00
2819	M5059	Electric Motor 2 POLE (2950 RPM) , 268 Hp	Each	5,180,100.00
2820	M5060	Electric Motor 2 POLE (2950 RPM) , 355 Hp	Each	6,711,500.00
2821	M5061	Electric Motor 4 POLE (1450 RPM) , 1 Hp	Each	86,100.00
2822	M5062	Electric Motor 4 POLE (1450 RPM) ,2 Hp	Each	82,500.00
2823	M5063	Electric Motor 4 POLE (1450 RPM) , 3 Hp	Each	107,300.00
2824	M5064	Electric Motor 4 POLE (1450 RPM) ,5.5 Hp	Each	147,800.00
2825	M5065	Electric Motor 4 POLE (1450 RPM) , 7.5 Hp	Each	190,000.00
2826	M5066	Electric Motor 4 POLE (1450 RPM) , 10 Hp	Each	238,800.00
2827	M5067	Electric Motor 4 POLE (1450 RPM) ,15 Hp	Each	223,600.00
2828	M5068	Electric Motor 4 POLE (1450 RPM) , 20 Hp	Each	418,900.00
2829	M5069	Electric Motor 4 POLE (1450 RPM) , 25 Hp	Each	532,800.00
2830	M5070	Electric Motor 4 POLE (1450 RPM) ,30 Hp	Each	595,000.00
2831	M5071	Electric Motor 4 POLE (1450 RPM) ,40 Hp	Each	792,400.00
2832	M5072	Electric Motor 4 POLE (1450 RPM) , 50 Hp	Each	1,005,900.00
2833	M5073	Electric Motor 4 POLE (1450 RPM) , 60 Hp	Each	1,161,000.00
2834	M5074	Electric Motor 4 POLE (1450 RPM) , 75 Hp	Each	1,469,000.00
2835	M5075	Electric Motor 4 POLE (1450 RPM) ,100 Hp	Each	2,002,500.00
2836	M5076	Electric Motor 4 POLE (1450 RPM) , 120 Hp	Each	2,344,300.00
2837	M5077	Electric Motor 4 POLE (1450 RPM) , 147 Hp	Each	2,785,000.00
2838	M5078	Electric Motor 4 POLE (1450 RPM) , 177 Hp	Each	3,261,700.00
2839	M5079	Electric Motor 4 POLE (1450 RPM) , 215 Hp	Each	3,931,500.00
2840	M5080	Electric Motor 4 POLE (1450 RPM) , 268 Hp	Each	4,850,900.00
2841	M5081	Electric Motor 4 POLE (1450 RPM) , 355 Hp	Each	6,303,200.00
2842	M5082	Electric Motor 6 POLE (950 RPM) , 1 Hp	Each	93,600.00
2843	M5083	Electric Motor 6 POLE (950 RPM) ,2 Hp	Each	116,100.00
2844	M5084	Electric Motor 6 POLE (950 RPM) , 3 Hp	Each	136,900.00
2845	M5085	Electric Motor 6 POLE (950 RPM) ,5.5 Hp	Each	192,900.00
2846	M5086	Electric Motor 6 POLE (950 RPM) , 7.5 Hp	Each	230,500.00
2847	M5087	Electric Motor 6 POLE (950 RPM) , 10 Hp	Each	294,900.00
2848	M5088	Electric Motor 6 POLE (950 RPM) ,15 Hp	Each	453,700.00
2849	M5089	Electric Motor 6 POLE (950 RPM) , 20 Hp	Each	776,600.00
2850	M5090	Electric Motor 6 POLE (950 RPM) , 25 Hp	Each	936,200.00
2851	M5091	Electric Motor 6 POLE (950 RPM) ,30 Hp	Each	1,067,900.00
2852	M5092	Electric Motor 6 POLE (950 RPM) ,40 Hp	Each	1,284,700.00
2853	M5093	Electric Motor 6 POLE (950 RPM) , 50 Hp	Each	1,443,500.00
2854	M5094	Electric Motor 6 POLE (950 RPM) , 60 Hp	Each	1,723,700.00
2855	M5095	Electric Motor 6 POLE (950 RPM) , 75 Hp	Each	1,906,000.00
2856	M5096	Electric Motor 6 POLE (950 RPM) ,100 Hp	Each	2,375,700.00
2857	M5097	Electric Motor 6 POLE (950 RPM) , 120 Hp	Each	2,718,000.00
2858	M5098	Electric Motor 6 POLE (950 RPM) , 147 Hp	Each	4,056,300.00

S No.	New Code	Description	Unit	Rate (Rs.)
2859	M5099	Electric Motor 6 POLE (950 RPM) , 177 Hp	<i>Each</i>	4,794,200.00
2860	M5100	Electric Motor 6 POLE (950 RPM) , 215 Hp	<i>Each</i>	5,793,100.00
2861	M5101	Electric Motor 6 POLE (950 RPM) , 268 Hp	<i>Each</i>	7,405,800.00
2862	M5102	Electric Motor 6 POLE (950 RPM) , 355 Hp	<i>Each</i>	9,663,885.00
2863	M5103	Minimum Flow rate of 30 m3/h, 4 HP, 6" DOL Type, 50 Hz, 2.98 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 4 Stages , Discharge:- 92 GPM and Head:- 154 Feet	<i>Each</i>	760,000.00
2864	M5104	Minimum Flow rate of 30 m3/h, 5.5 HP, 6" DOL Type, 50 Hz, 4 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 4 Stages , Discharge:- 92 GPM and Head:- 154 Feet	<i>Each</i>	834,000.00
2865	M5105	Minimum Flow rate of 35 m3/h, 7.5 HP, 6" DOL Type, 50 Hz, 5.5 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 200 Feet	<i>Each</i>	1,049,000.00
2866	M5106	Minimum Flow rate of 40 m3/h, 10 HP, 6" DOL Type, 50 Hz, 7.5 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 282 Feet	<i>Each</i>	1,223,764.00
2867	M5107	Minimum Flow rate of 50 m3/h, 12.5 HP, 6" DOL Type, 50 Hz, 9.3 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 282 Feet	<i>Each</i>	1,393,000.00
2868	M5108	Minimum Flow rate of 50 m3/h, 15 HP, 6" DOL Type, 50 Hz, 11 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 413 Feet	<i>Each</i>	1,551,000.00
2869	M5109	Minimum Flow rate of 60 m3/h, 17.5 HP, 6" DOL Type, 50 Hz, 13 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 480 Feet	<i>Each</i>	1,755,000.00
2870	M5110	Minimum Flow rate of 70 m3/h, 20 HP, 6" DOL Type, 50 Hz, 15 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 567 Feet	<i>Each</i>	1,903,000.00

S No.	New Code	Description	Unit	Rate (Rs.)
2871	M5111	Minimum Flow rate of 80 m3/h, 25 HP, 6" DOL Type, 50 Hz, 18.5 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 700 Feet	Each	2,260,000.00
2872	M5112	Minimum Flow rate of 110 m3/h, 30 HP, 6" DOL Type, 50 Hz, 22 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 850 Feet	Each	2,594,000.00
2873	M5113	Minimum Flow rate of 130 m3/h, 35 HP, 6" DOL Type, 50 Hz, 26 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 1000 Feet	Each	3,032,500.00
2874	M5114	Minimum Flow rate of 150 m3/h, 40 HP, 6" DOL Type, 50 Hz, 30 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 1100 Feet	Each	3,471,000.00
2875	M5115	Minimum Flow rate of 180 m3/h, 50 HP, 6" DOL Type, 50 Hz, 37KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 950 Feet	Each	3,800,500.00
2876	M5116	Minimum Flow rate of 220 m3/h, 60 HP, 6" DOL Type, 50 Hz, 45 KW, Three Phase, Water Cool, Rewind able, Stainless Steel Body, Double insulated Copper Wire, 380-420 V, Automatic Star Delta Connection and Setting Depth of 18 m, 8 Stages , Discharge:- 92 GPM and Head:- 1007 Feet	Each	4,239,000.00
2877	M5119	Valve Tech Air Valve PN-16 single 3"	Each	21,320.00
2878	M5120	Valve Tech Air Valve PN-16 single 4"	Each	34,440.00
2879	M5121	Valve Tech Air Valve PN-16 Double 3"	Each	27,880.00
2880	M5122	Valve Tech Air Valve PN-16 Double 4"	Each	42,640.00
2881	M5123	Flanged Adoptor 63mm	Each	912.54
2882	M5124	Flanged Adoptor 75mm	Each	1,188.35
2883	M5125	Flanged Adoptor 90mm	Each	1,287.09
2884	M5126	Flanged Adoptor 110mm	Each	1,818.27
2885	M5127	Flanged Adoptor 125mm	Each	3,313.07
2886	M5128	Flanged Adoptor 160mm	Each	4,269.87
2887	M5129	Flanged Adoptor 180mm	Each	7,136.88
2888	M5130	Flanged Adoptor 200mm	Each	8,390.03
2889	M5131	Flanged Adoptor 225mm	Each	10,683.23
2890	M5132	Flanged Adoptor 250mm	Each	12,285.53
2891	M5133	Flanged Adoptor 280mm	Each	16,412.55
2892	M5134	Flanged Adoptor 315mm	Each	17,742.90
2893	M5135	Bend 63mm	Each	2,736.23
2894	M5136	Bend 75mm	Each	3,617.85
2895	M5137	Bend 90mm	Each	4,468.91
2896	M5138	Bend 110mm	Each	6,995.40

S No.	New Code	Description	Unit	Rate (Rs.)
2897	M5139	Bend 125mm	Each	12,906.08
2898	M5140	Bend 160mm	Each	14,441.36
2899	M5141	Bend 180mm	Each	22,625.98
2900	M5142	Bend 200mm	Each	26,513.10
2901	M5143	Bend 225mm	Each	41,919.00
2902	M5144	Bend 250mm	Each	44,415.45
2903	M5145	Bend 280mm	Each	80,600.63
2904	M5146	Bend 315mm	Each	88,961.06
2905	M5147	Tee equal 63 mm	Each	3,150.08
2906	M5148	Tee equal 75mm	Each	3,617.85
2907	M5149	Tee equal 90mm	Each	4,362.11
2908	M5150	Tee equal 110 mm	Each	6,581.55
2909	M5151	Tee equal 125 mm	Each	12,505.76
2910	M5152	Tee Equal 160mm	Each	7,721.18
2911	M5153	Tee Equal 180mm	Each	11,595.56
2912	M5154	Tee Equal 200mm	Each	25,678.73
2913	M5155	Tee Equal 225 mm	Each	40,250.25
2914	M5156	Tee Equal 250mm	Each	42,332.85
2915	M5157	Tee Equal 280 mm	Each	77,720.36
2916	M5158	Tee Equal 315mm	Each	81,885.56
2917	M5159	End Cap 63 mm	Each	1,578.38
2918	M5160	End Cap 75mm	Each	1,915.73
2919	M5161	End Cap 90mm	Each	2,015.85
2920	M5162	End Cap 110 mm	Each	1,696.01
2921	M5163	End Cap 125 mm	Each	2,846.58
2922	M5164	End Cap 160mm	Each	3,401.21
2923	M5165	End cap 180mm	Each	6,116.15
2924	M5166	End Cap 200mm	Each	7,068.86
2925	M5167	End Cap 225 mm	Each	11,195.89
2926	M5168	End Cap 250mm	Each	23,113.91
2927	M5169	End Cap 280 mm	Each	15,885.19
2928	M5170	End Cap 315mm	Each	19,868.89
2929	M5171	Cross 63 mm	Each	4,393.46
2930	M5172	Cross 75 mm	Each	4,810.58
2931	M5173	Cross 90 mm	Each	5,227.69
2932	M5174	Cross 110 mm	Each	8,665.65
2933	M5175	Cross 160 mm	Each	25,855.46
2934	M5176	Cross 200 mm	Each	32,733.23
2935	M5177	Cross 250 mm	Each	52,216.24
2936	M5178	Cross 315 mm	Each	72,845.85
2937	M5179	MS Flange 90 mm	Each	3,393.86
2938	M5180	MS Flange 110 mm	Each	4,082.93
2939	M5181	MS Flange 160 mm	Each	4,768.31
2940	M5182	MS Flange 200 mm	Each	7,519.05
2941	M5183	MS Flange 250 mm	Each	8,665.65
2942	M5184	MS Flange 280 mm	Each	14,394.98
2943	M5185	PP Flange 90 mm	Each	4,999.84
2944	M5186	PP Flange 110 mm	Each	6,144.60
2945	M5187	PP Flange 160 mm	Each	11,646.08
2946	M5188	PP Flange 200 mm	Each	16,688.18
2947	M5189	PP Flange 250 mm	Each	23,564.10
2948	M5190	Reducer Spigot 63x50	Each	1,754.72
2949	M5191	Reducer Spigot 75x63	Each	1,754.72
2950	M5192	Reducer Spigot 90x50	Each	1,951.88
2951	M5193	Reducer Spigot 90x63	Each	1,951.88
2952	M5194	Reducer Spigot 90x75	Each	1,951.88

S No.	New Code	Description	Unit	Rate (Rs.)
2953	M5195	Reducer Spigot 110x50	Each	2,845.46
2954	M5196	Reducer Spigot 110x63	Each	3,163.46
2955	M5197	Reducer Spigot 110x75	Each	2,845.46
2956	M5198	Reducer Spigot 110x90	Each	2,845.46
2957	M5199	Reducer Spigot 125x90	Each	3,739.04
2958	M5200	Reducer Spigot 125x110	Each	3,739.04
2959	M5201	Reducer Spigot 160x63	Each	4,729.61
2960	M5202	Reducer Spigot 160x75	Each	4,729.61
2961	M5203	Reducer Spigot 160x90	Each	4,729.61
2962	M5204	Reducer Spigot 160x110	Each	4,729.61
2963	M5205	Reducer Spigot 180x90	Each	6,515.18
2964	M5206	Reducer Spigot 180x125	Each	6,515.18
2965	M5207	Reducer Spigot 200x90	Each	7,109.84
2966	M5208	Reducer Spigot 200x110	Each	7,109.84
2967	M5209	Reducer Spigot 200x160	Each	7,109.84
2968	M5210	Reducer Spigot 225x90	Each	14,646.44
2969	M5211	Reducer Spigot 225x110	Each	14,646.44
2970	M5212	Reducer Spigot 225x160	Each	14,646.44
2971	M5213	Reducer Spigot 250x90	Each	16,629.17
2972	M5214	Reducer Spigot 250x110	Each	16,629.17
2973	M5215	Reducer Spigot 250x160	Each	16,629.17
2974	M5216	Reducer Spigot 250x200	Each	16,629.17
2975	M5217	Reducer Spigot 280x110	Each	20,596.22
2976	M5218	Reducer Spigot 280x250	Each	20,596.22
2977	M5219	Reducer Spigot 315x90	Each	26,546.00
2978	M5220	Reducer Spigot 315x110	Each	26,546.00
2979	M5221	Reducer Spigot 315x160	Each	26,546.00
2980	M5222	Reducer Spigot 315x250	Each	26,546.00
2981	M5223	Reducer Tee 63x50 mm	Each	2,638.76
2982	M5224	Reducer Tee 75x63 mm	Each	2,904.29
2983	M5225	Reducer Tee 90x50	Each	2,924.96
2984	M5226	Reducer Tee 90x63	Each	3,242.96
2985	M5227	Reducer Tee 90x75	Each	3,242.96
2986	M5228	Reducer Tee 110x50	Each	3,739.04
2987	M5229	Reducer Tee 110x63	Each	4,057.04
2988	M5230	Reducer Tee 110x75	Each	3,739.04
2989	M5231	Reducer Tee 110x90	Each	3,739.04
2990	M5232	Reducer Tee 125x90	Each	6,712.34
2991	M5233	Reducer Tee 125x110	Each	6,712.34
2992	M5234	Reducer Tee 160x63	Each	7,903.25
2993	M5235	Reducer Tee 160x75	Each	7,903.25
2994	M5236	Reducer Tee 160x90	Each	7,903.25
2995	M5237	Reducer Tee 160x110	Each	7,903.25
2996	M5238	Reducer Tee 180x90	Each	10,136.25
2997	M5239	Reducer Tee 180x125	Each	13,655.87
2998	M5240	Reducer Tee 200x90	Each	14,646.44
2999	M5241	Reducer Tee 200x110	Each	14,646.44
3000	M5242	Reducer Tee 200x160	Each	15,638.60
3001	M5243	Reducer Tee 225x90	Each	23,572.70
3002	M5244	Reducer Tee 225x110	Each	23,572.70
3003	M5245	Reducer Tee 225x160	Each	23,572.70
3004	M5246	Reducer Tee 250x90	Each	24,563.27
3005	M5247	Reducer Tee 250x110	Each	24,563.27
3006	M5248	Reducer Tee 250x160	Each	28,530.32
3007	M5249	Reducer Tee 250x200	Each	28,530.32
3008	M5250	Reducer Tee 280x110	Each	38,447.15

S No.	New Code	Description	Unit	Rate (Rs.)
3009	M5251	Reducer Tee 280x250	Each	38,447.15
3010	M5252	Reducer Tee 315x90	Each	40,429.88
3011	M5253	Reducer Tee 315x110	Each	40,429.88
3012	M5254	Reducer Tee 315x160	Each	45,389.09
3013	M5255	Reducer Tee 315x250	Each	45,389.09
3014	M5256	Fuse 32 Amp	Each	600.00
3015	M5257	Fuse 60 Amp	Each	800.00
3016	M5258	Fuse 100 Amp	Each	1,200.00
3017	M5259	Fuse 200 Amp	Each	1,800.00
3018	M5259	Fuse 300 Amp	Each	3,500.00
3019	M5260	Main Switch 32 AMP	Each	1,850.00
3020	M5261	Main Switch 60 AMP	Each	2,460.00
3021	M5262	Main Switch 100 AMP	Each	2,980.00
3022	M5263	Main Switch 150 AMP	Each	3,575.00
3023	M5264	Main Switch 400 AMP	Each	6,500.00
3024	M5265	Electric Magnitic Starter 32 Amp (SW 5-1 /3H)	Each	1,800.00
3025	M5266	Electric Magnitic Starter 60 Amp (SW N2 /3H)	Each	2,800.00
3026	M5267	Electric Magnitic Starter 100 Amp (SW N3 /3H)	Each	9,500.00
3027	M5268	Electric Magnitic Starter 150 Amp (SW N5A /3H)	Each	10,500.00
3028	M5269	Electric Magnitic Starter 200 Amp (SW N5A /3H)	Each	15,300.00
3029	M5270	Electric Magnitic Starter 400 Amp (SW N5A /3H)	Each	28,000.00
3030	M5271	Noun Lights	Each	300.00
3031	M5272	Volt Metter	Each	1,200.00
3032	M5273	Amp Metter	Each	1,500.00
3033	M5274	Wiring with temble Jointing	job	1,000.00
3034	M5275	Wiring with temble Jointing (5 10 Hp)	job	3,000.00
3035	M5276	Wiring with temble Jointing (12.5-20 Hp)	job	5,000.00
3036	M5277	Wiring with temble Jointing (25-30 Hp)	job	7,000.00
3037	M5278	Wiring with temble Jointing (35-40 Hp)	job	8,000.00
3038	M5279	Wiring with temble Jointing (60 Hp)	job	8,000.00
3039	M5280	Pannel Board 3x4 with Wooden Sheet	Each	10,000.00
3040	M5281	Pannel Board 18"x12	Each	2,200.00
3041	M2411	Solar Geyser 150 Liter with frame and accseries	Each	155,000.00
3042	M2412	Solar Geyser 200 Liter with frame and accseries	Each	175,000.00
3043	M2413	battry box 1.5' x 1.5' x 1'	Each	4,500.00
3044	M2414	battery Lead acid 600 cycle	Each	
3045	M2415	battery Maintanance free Lio ion (POU) 100AH 8 cycle	Each	120,000.00
3046	M2416	battery Maintanance free 12 V GEL Imported 1000AH	Each	128,000.00
3047	M2417	battery Maintanance free 12 V GEL Imported 600AH	Each	65,000.00
3048	M2418	battery Maintanance free 12 V AGM 1000AH	Each	115,000.00
3049	M2419	battery Maintanance free 12 V AGM 600AH	Each	72,000.00
3050	M2420	battery Maintanance free 12 V AGM/GEL 100AH	Each	44,000.00
3051	M2421	battery Osaka 12 V 185AH	Each	41,000.00
3052	M2422	battery Phonix 12 V 230AH	Each	65,000.00
3053	M2423	battery AGS 12 V 185AH	Each	52,000.00
3054	M2424	battery AGS 12 V 230AH	Each	69,000.00
3055	M2425	battery Lithium Narada 48 V 100AH	Each	400,000.00
3056	M2426	battery Osaka TA1600 Tabular plate deep cycle 12 V 150AH 9 plates	Each	42,500.00
3057	M2427	battery Osaka TA1800 Tabular plate deep cycle 12 V 185AH 5 plate	Each	42,000.00
3058	M2428	battery Osaka TA2500 Tabular plate deep cycle 12 V 230AH 9 plates	Each	55,000.00